January 20, 2012

ADDENDUM NUMBER 1

TO: All Plans Holders

PROJECT NAME MILLING AND RESURFACING SR 583 (56th STREET) FROM SOUTH OF EAST 23RD AVENUE TO SOUTH OF EAST FOWLER AVENUE

FINANCIAL PROJECT NUMBER: 42453315201

DISTRICT CONTRACT NO: E-7H36

COUNTIES: HILLSBOROUGH

The following attached revision constitutes Addendum Number 1 to the above referenced project:

- 1. The Letting Date of this project has been moved to January 30, 2012. It remains a Bid Express Bid Only Project.
- 2. Pay Item Corrections:
 - 555-1-1 needs to be corrected from 9314 to 10664.
 - 555-1-2 needs to be corrected from 4051 to 2751.
 - 641-2-17 needs to be corrected from 8 to 4.
 - 641-2-18 needs to be corrected from 12 to 16.
 - 632-7-1 needs to be corrected from 5 to 8.

A new EBS/Bid Express will be provided and will be downloadable from CPP.

3. The following note should be added to the General Notes:

Per FDOT Specification 8-6.4, Suspension of Contractor's Operations-Holidays and Special Events, Special Event days for this project include:

- Republican National Convention All events at Florida State Fair Grounds and Amphitheatre with an anticipated crowd of 35K or higher.
- o All events in Ybor City with an anticipated crowd of 20K or higher.
- 4. The following pay item footnote should be adding to the Signalization Plans:

646-1-11: Aluminum pedestals shall be mounted on transformer base.

Approved by:

District Contracts Administrator

Morgan

DATE: <u>01/11/2012</u> <u>2</u> of <u>4</u>

PLANS REVISION NUMBER 1

Sheet No(s).	Rev. Date	<u>Description</u>
<u>1</u>	01/11/2012	Key Sheet Changed to Reflect Pay Item Changes on sheet 2
<u>2-3</u>	01/11/2012	Pay Item Quantities revised
<u>14</u>	01/11/2012	Added note 22
<u>15</u>	<u>01/11/2012</u>	Adjusted pole offsets
<u>269</u>	01/11/2012	Adjusted pole offsets
<u>T-2</u>	01/11/12	Revised quantities of 632-7-1, 641-2-17 and 641-2-18.
<u>T-3</u>	01/11/12	Revised quantity of 632-7-1.
<u>T-4</u>	01/11/12	Revised quantities of 555-1-1 and 555-1-2.
<u>T-5</u>	01/11/12	Revised quantities of 555-1-1, 555-1-2, 632-7-1, 641-2-17, and 641-2-18.
<u>T-6</u>	01/11/12	Added Pay Item 646-1-11.
<u>T-7</u>	01/11/12	Corrected Pay Item 632-7-1.
<u>T-9</u>	01/11/12	Added Pay Item 632-7-1.
<u>T-10</u>	01/11/12	Added Pay Item 632-7-1.
<u>T-11</u>	01/11/12	Corrected Pay Item 632-7-1.
<u>T-13</u>	01/11/12	Corrected Pay Item 632-7-1.
<u>T-15</u>	01/11/12	Corrected Pay Item 632-7-1.
<u>T-18</u>	01/11/12	Corrected Pay Item 632-7-1.
<u>T-20</u>	01/11/12	Added Pay Item 632-7-1.
<u>T-35</u>	01/11/12	Changed directional bore Pay Item number from 555-1-2 to 555-1-1.
<u>T-38</u>	01/11/12	Changed directional bore Pay Item number from 555-1-2 to 555-1-1.
<u>T-42</u>	01/11/12	Changed directional bore Pay Item number from 555-1-2 to 555-1-1.

IACKSONVILLE

PIERCE

LAUDERDALE

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS SIGNING AND PAVEMENT MARKING PLANS SIGNALIZATION PLANS STRUCTURES PLANS

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 424553-1-52-01

HILLSBOROUGH COUNTY (10330)

STATE ROAD No. 583 (56TH STREET)

FROM SOUTH OF EAST 23RD AVENUE TO SOUTH OF EAST FOWLER AVENUE

INDEX OF ROADWAY PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

SHEET NO.	SHEET DESCRIPTION	<i>F I</i>
1 2 - 3 4 - 8 9 - 13 14 15 16 - 20 21 - 23 24 - 25	KEY SHEET SUMMARY OF PAY ITEMS TYPICAL SECTIONS SUMMARY OF QUANTITIES GENERAL NOTES LIGHTING DETAILS SUMMARY OF EXISTING DRAINAGE STRUCTUF SUMMARY OF DRAINAGE STRUCTURES OPTIONAL MATERIALS TABULATION	RES
26 - 32 33 - 84 85 - 99 100 - 250 251 - 259 260 - 311	PROJECT LAYOUT ROADWAY PLANS DRAINAGE STRUCTURES CROSS SECTIONS UTILITY ADJUSTMENT GENERAL NOTES UTILITY ADJUSTMENT PLANS	
312 - 313 314 - 320 321 322	STORMWATER POLLUTION PREVENTION PLAN TRAFFIC CONTROL PLANS SPECIAL LIGHTPOLE FOUNDATION DETAILS SPECIAL ENDWALL DETAILS	

GOVERNING STANDARDS AND SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS DATED 2010, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2010, AS AMENDED BY CONTRACT DOCUMENTS.

APPLICABLE DESIGN STANDARDS MODIFICATIONS: 01/01/12

For Design Standards Modifications click on "Design Standards" at the following web site: http://www.dot.state.fl.us/rddesign/

END PROJECT STA. 211+94.60 MP 6.150 TO OLDSMAR Mile T-29-S TO DOVER DOT/AAR CROSSING NO. 624849-V RR MP 2.377, CSXT, INC. STA. 12+61.76 -19-E BEGIN PROJECT STA. IOI9+40.00 M.P. 0.268 70 STATION EQUATION STA. 1118+49.34 BK STA. 00+00.00 AH

M.P. 2.138

ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:

TIMOTHY E. BOURNE, P.E. CUMBEY & FAIR, INC. 2463 ENTERPRISE ROAD CLEARWATER, FL 33763-1790

PLANS PREPARED BY:



PROJECT LOCATION

CUMBEY & FAIR, INC. 2463 ENTERPRISE ROAD CLEARWATER, FLORIDA 33763 727-797-8982 FAX: 727-791-8752

VENDER NO. 59-1636137 CERTIFICATE OF AUTHORIZATION NO. 2168 CONTRACT NO. C-8W31

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

REVISIONS

REVISIONS

FINANCIAL PROJECT ID 424553-1-52-01

↑ ROADWAY SHEET 2, 3, 14, 15 269 (REVISED 1-12-12)
↑ SIGNALIZATION SHEETS T-2, T-3, T-4, T-5,
T-6, T-7, T-9, T-10, T-11, T-13, T-15, T-18,
T-20, T-35, T-38 AND T-42 (REVISED 1-12-12)

LENGTH OF PROJECT LINEAR FEET MILES ROADWAY 30753.94 5.825 BRIDGES 350.00 0.066 NET LENGTH OF PROJECT 31103.94 5.891 EXCEPTIONS NA NA GROSS LENGTH OF PROJECT 31103.94 5.891

KEY SHEET REVISIONS							
DATE	BY	DESCRIPTION					

PENSACOLA

ROADWAY PLANS
ENGINEER OF RECORD: TIMOTHY E. BOURNE, P.E.
P.E. NO. 47149

FISCAL	SHEET				
YEAR	NO.				
12	1				

FDOT PROJECT MANAGER: GREG REYNOLDS

David_Long

FLORIDA DEPARTMENT OF TRANSPORTATION

DATE: 01/11/12 PROPOSAL SUMMARY OF PAY ITEMS

PROPOSAL : E7H36 LEAD PROJECT : 42455315201 COUNTY : HILLSBOROUG ,

PROJECT(S): 42455315201 COUNTY/SECTION: 10330000 , PAGE: 2 A0002 MANDIST: 07

	0002 SUMMARY	2 SUMMARY OF ROADWAY PAY ITEMS						
ALT	I ITEM I NUMBER	I ITEM I DESCRIPTION	1 <i>UN</i> 1	42455315201	 	I QUANTITY TOTA		
	10101- 1-	IMOBILIZATION (42455315201)	۱۱ ۱ <i>LS</i> ۱	1.000		I		
			ILS I		i	1.000		
			ICY I		i	1 /329.000		
		ITRAFFIC CONTROL OFFICER	IMH I		i	1 576.000		
			IED I		i	1 46900.000		
			ILF I		i	396.000		
		IBARRIER WALL, TEMPORARY, F&I, LOW PROFILE,			i.	1 //64.000		
		ICONCRETE	1 1		İ	1		
			ILF I	588.000	i	588.000		
		ICONCRETE	1 1		İ	1		
		IBARRICADE, TEMPORARY, TYPES I, II, DI, VP & DRUM	IED I	82812.000	i	82812.000		
		IBARRICADE, TEMPORARY, TYPE III. 6'	IED I		i	1 670.000		
		IARROW BOARD / ADVANCE WARNING ARROW PANEL	IED I		1	670.000		
		IHIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B	IED I		İ	32830.000		
		ITEMPORARY RETROREFLECTIVE PAVEMENT MARKER	IEA I		İ	1 2923.000		
		ILIGHTS BARRIER WALL MOUNT TEMP TYPE C STEADY BURN	_		i	1 7733.000		
		ITEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	ILO I		1	2.000		
		IPORTABLE CHANGEABLE MESSAGE SIGN. TEMPORARY	IED I		İ	670.000		
		ITEMPORARY SIGNALIZATION AND MAINTENANCE.	IED I		i	30/5.000		
		INTERSECTION	1 1		i	1		
		ITEMPORARY TRAFFIC DETECTION AND MAINTENANCE.	IED I		İ	30/5.000		
		I INTERSECT ION	1 1		i	I		
	10104- 1-	IARTIFICIAL COVERINGS /ROLLED EROSION CONTROL	ISY I		İ	522.000		
		IPRODUCTS	1 1		i	1		
		ISEDIMENT BARRIER	ILF I	1533.000	1	1 /533.000		
		ISOIL TRACKING PREVENTION DEVICE	IEA I		I	6.000		
	10/04- 18-	IINLET PROTECTION SYSTEM	IEA I	109.000	1	1 /09.000		
	10/04- /9-	ICHEMICAL TREATMENT - POWDERED. FOR EROSION	ISY I	522.000	1	522.000		
	1	ICONTROL	1 1		1	I		
	10107 - 1 -	ILITTER REMOVAL	IAC I	922.300 N	1	922.300		
	10/07 - 2-	I MOW / NG	IAC I	922.300 N	1	922.300		
	10109 - 71 - 3	IFIELD OFFICE, 900 SQ FT	IDA I	395.000	1	395.000		
	10//0- /- /	ICLEARING & GRUBBING (42455315201)	ILS I	1.000	1	1.000		
	10110- 4-	IREMOVAL OF EXISTING CONCRETE PAVEMENT	ISY I	1498.000	1	I 1498.000		
		IMAILBOX, F&I SINGLE	IEA I	4.000	1	4.000		
	10110- 86-	IDELIVERY OF SALVAGEABLE MATERIAL TO FDOT	ILS I	1.000 N	1	1.000		
	1	1(42455315201)	1 1		1	I		
	10120- 1-	IREGULAR EXCAVATION	ICY I	6275.000	I	6275.000		
	10120- 6-	I EMBANKMENT	ICY I	3020.000	I	3020.000		
	10285-701-	IOPTIONAL BASE, BASE GROUP OI	ISY I	5078.000	1	5078.000		
	10285-706-	IOPTIONAL BASE, BASE GROUP 06	ISY I	1805.000	1	1805.000		
	10285-712-	IOPTIONAL BASE, BASE GROUP 12	ISY I	3410.000	1	3410.000		
	10327 - 70 - 6	IMILLING EXIST ASPH PAVT, I 1/2" AVG DEPTH	ISY I	10413.000	I	1 10413.000		
	10327 - 70 - 8	IMILLING EXIST ASPH PAVT, 2 1/2" AVG DEPTH	ISY I		T. Control of the Con	162990.000		

FLORIDA	DEPARTMENT	0F	TRANSPORTAT 10

1	DATE: 01/11/12	PROPOSAL SUMMARY OF PAY ITEMS	PAGE: 5 A0002
	PROPOSAL : E7H36	LEAD PROJECT : 42455315201 COUNTY : HILLSBOROUG ,	MANDIST: 07

	PROJE	CT(S): 42455315201 COUNTY/SECTION: 10330000 ,						
	1	0002 SUMMARY	OF ROADWAY	PAY ITEMS CONTINUED				
P C	IALT	I ITEM I NUMBER	I ITEM I DESCRIPTION	UN 424553 520 	I QUANTITY TOTAL I			
	1	10710- 11-222	IPAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISOLID. 8"		426.000			
	1 1	10710- 11-22 4 1	IPAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISOLID, 18*	LF 508.000	I 508.000 I			
	 	10710- 11-251 1	IPAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, IDOTTED/GUIDELINE/6-10 GAP EXTENSION, 6"		6756.000 			
	1	1 <i>0999 - 25 -</i> I	INITIAL CONTINGENCY AMOUNT, DO NOT BID (42455315201)		/.000 			

FLORIDA DEPARTMENT OF TRANSPORTATION PROPOSAL SUMMARY OF PAY ITEMS DATE: 01/11/12 PAGE: 3 A0002 PROPOSAL : ETH36 LEAD PROJECT : 424553/5201 COUNTY : HILLSBOROUG .
PROJECT(S): 424553/5201 COUNTY/SECTION: 10330000 . MANDIST: 07

	0002 SUMMARY	OF ROADWAY	PA	AY ITEMS CONTINUED	
I <i>ALT</i> I		I ITEM I DESCRIPTION	I <i>UN</i> I <i>IT</i>		I QUANTITY TOT
 	. . 0327 - 70 -	NMILLING EXIST ASPH PAVT, 2 1/4" AVG DEPTH	ISY	 55620.000	I 55620.000
1	10327 - 70 - 19	IMILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	ISY	3873.000 I	1 3873.000
1	10334- 1-13	ISUPERPAVE ASPHALTIC CONC. TRAFFIC C	1 <i>T N</i>	/4096.800 I	1 /4096.800
l	10337 - 7 - 5	IASPHALT CONCRETE FRICTION COURSE- INC BIT/RUBBER,	1 <i>T N</i>	2479.300 I	l 2479.300
1	1	IFC-5	1 1	l I	I
l I	10337 - 7 - 33	IASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12	1 <i>T N</i>		l /4896.000
	10400- 0-11	ICONCRETE CLASS NS. GRAVITY WALL	ICY	5//.800 I	5//.800
		ICONCRETE CLASS I. ENDWALLS	ICY	6.700	1 6.700
		INLETS. DT BOT. TYPE C.	IEA	16.000	1 /6.000
ı	10425 - 1-525	IINLETS, DITCH BOTTOM, TYPE C, PARTIAL	IEA	4.000	1 4.000
1		IINLETS, DT BOT, TYPE C, MODIFY	1EA		1 4.000
1	10425 - 1-555	IINLETS, DT BOT, TYPE E, PARTIAL	IEA I	3.000 I	1 3.000
		IINLETS, DT BOT, TYPE J, <10'	IEA I	2.000	1 2.000
	10425 - 1-891	IINLETS, BARRIER WALL, <10'	IEA	1.000	1 1.000
	10425 - 4 -	IINLETS, ADJUST	IEA I	1.000 I	1 1.000
	10425 - 5 -	IMANHOLE, ADJUST	IEA I	5.000 I	1 5.000
		IMANHOLE, ADJUST, UTILITIES	IEA I	4.000	1 4.000
	10425 - 6 -	IVALVE BOXES, ADJUST	IEA I	41.000	1 41.000
	10425 - 82 -	IREPLACE GRATE	IEA I	8.000 I	1 8.000
	10430 - 94 - 1	IDESILTING PIPE, 0 - 24"	I <i>LF</i>	7828.000 N I	ı 7828.000
	10430 - 94 - 2	IDESILTING PIPE, 25 - 36"	I <i>LF</i>	450.000 N I	I 450.000
	10430-174-118	IPIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	I <i>LF</i>	293.000	1 293.000
	10430-174-124	IPIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24 "SD	I <i>LF</i>	/6.000 I	1 /6.000
	10430-174-130	IPIPE CULVERT, OPTIONAL MATERIAL, ROUND, 30 SD	I <i>LF</i>	64.000 I	I 64.000
	10430-174-218	IPIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE -	ILF	503.000 I	I 503.000
	1	IELLIP/ARCH,18 "SD	1	l l	İ
	10430-174-224	IPIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE -	I <i>LF</i>	//8.000 I	1 //8.000
	1	IELL IP/ARCH,24 "SD	1	l I	I
	10430-175-112	IPIPE CULVERT, OPTIONAL MATERIAL, ROUND, 12"S/CD	I <i>LF</i>	4.000 I	1 4.000
	10430-175-115	IPIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15 "S/CD	I <i>LF</i>	664.000 I	1 664.000
	10430-175-118	IPIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18 "S/CD	I <i>LF</i>	462.000 I	1 462.000
	10430-175-124	IPIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24 "S/CD	I <i>LF</i>	456.000 I	I 456.000
	10430-175-130	IPIPE CULVERT, OPT MATERIAL, ROUND, 30 "S/CD	I <i>LF</i>	66.000 I	1 66.000
	10430-175-218	IPIPE CULVERT, OPTIONAL MATERIAL, OTHER-ELIP/ARCH,	I <i>LF</i>	12.000 I	1 /2.000
	1	118 "S/CD	1	l I	I
		IPIPE FILLING AND PLUGGING - PLACE OUT OF SERVICE	ICY		1 5.000
		IMITERED END SECTION, OPTIONAL ROUND, 12" CD	I <i>EA</i>		1 1.000
		IMITERED END SECTION, OPTIONAL ROUND, 15" CD	I <i>EA</i>		1 1.000
		IMITERED END SECTION, OPTIONAL ROUND, 18" CD	I <i>EA</i>		1 3.000
		IMITERED END SECTION, OPTIONAL ROUND, 24 CD	I <i>EA</i>		1 4.000
		IMITERED END SECTION, OPTIONAL ROUND, 30 °CD	I <i>EA</i>		1 1.000
	1 <i>0430-982-62</i> 5	IMITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH	I <i>EA</i>	3.000 I	1 3.000
	ĺ	1/8 ° CD	1	I I	I

FLORIDA DEPARTMENT OF TRANSPORTATION

DATE: 01/11/12 PROPOSAL SUMMARY OF PAY ITEMS PAGE: I A0001 PROPOSAL : E7H36 LEAD PROJECT : 42455315201 COUNTY : HILLSBOROUG , MANDIST: 07

,	1	:C1(S): 4245531	5201 COUNTY/SECTION: 10330000		, 							
_	OOOI SUMMARY OF STRUCTURES			PAY	PAY ITEMS							
P	IALT	/TEM	ı item	IUN I	42455315201	I		QUANTITY TOTA	AL I			
С	I	I NUMBER	I DESCRIPTION	1 <i>1T</i> 1 <i>Bi</i>	R * 100267 & 1	1	1		- 1			
		.		11-					1			
	I	10/10- 3-	IREMOVAL OF EXISTING STRUCTURE (42455315201)	ILS I	1.000	I	I	1.000	1			
	I	10400 - 2 - 10	ICONCRETE CLASS II, APPROACH SLABS	ICY I	1.400	I	1	1.400	1			
	I	10400-143-	ICLEANING & COATING CONCRETE SURFACE, CLASS 5	I <i>SF</i> I	13316.000	1	1	13316.000	1			
	1	10415- 1- 9	IREINFORCING STEEL - APPROACH SLABS	ILB I	272.000	I	1	272.000	1			
	I	10460 - 2 - 1	ISTRUCT STEEL, CARBON (42455315201)	ILS I	1.000	I	I	1.000	1			
	I	10460 - 70 - 2	IALUMINUM BULLET RAILINGS, DOUBLE RAIL	I <i>LF</i> I	684.000	I	I	684.000	- 1			
	I	105/5- 2-202	IPEDESTRIAN / BICYCLE RAILING, STEEL, 54" PICKET	I <i>LF</i> I	18.000	1	1	18.000	- 1			
	I	1	IRAIL	1 1		1	1		1			
	I	10521 - 5 - 1	ICONCRETE TRAFFIC RAILING, BRIDGE 32" F - SHAPE	I <i>LF</i> I	20.000	1	1	20.000	1			
	I	10521 - 72 - 3	ISHOULDER CONCRETE BARRIER WALL, RIGID-SHOULDER	I <i>LF</i> I	59.000	1	I	59.000	1			
		.	-	11-					1			

FLORIDA DEPARTMENT OF TRANSPORTATION

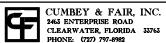
DATE: 01/11/12 FROPOSAL SUMMARY OF PAY ITEMS

PROPOSAL : E7H36 LEAD PROJECT : 42455315201 COUNTY : HILLSBOROUG ,

PROJECT(S): 42455315201 COUNTY/SECTION: 10330000 , PAGE: 7 A0004 MANDIST: 07

i 1	0004 SUMMARY OF LIGHTING			ITEMS			
IALT	I ITEM	I ITEM	IUN I	42455315201		I	QUANTITY TOTAL
1	I NUMBER	I DESCRIPTION	1/7 1			I	
1	•	IDIRECTIONAL BORE, LESS THAN 6"		695.000			695.000
1	10715- 1-12	ILIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	I <i>LF</i> I	14396.000	1	1	14396.000
1	10715- 1-60	ILIGHTING CONDUCTORS, REMOVE & DISPOSE,	I <i>LF</i> I	4782.000	1	1	4782.000
1	1	ICONTRACTOROWNS	1 1		1	1	
1	10715- 2-11	ILIGHTING - CONDUIT, F&I, UNDERGROUND	I <i>LF</i> I	3856.000	1	1	3856.000
1	10715- 4-400	ILIGHT POLE COMPLETE, RELOCATE	IEA I	28.000	1	1	28.000
1	10715- 7-21	ILOAD CENTER, REWORK, SECONDARY VOLTAGE	IEA I	1.000	1	1	1.000
1	10715-14-11	ILIGHTING - PULL BOX, F&I, ROADSIDE-MOULDED	IEA I	11.000	1	1	11.000

	R E V I S I O N S								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				
01/12/12	DC	AREVISED QUANTITIES							
1	I				1				



CERTIFICATE	OF	ΑU	THORIZA	TION	NO.	00002168
m			BALIBAID			
TIMO	IHY	F	BOURNE.	P.K.	4/149	

DEF	STATE OF FLOI PARTMENT OF TRAN	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 583	HILLSBOROUGH	424553-1-52-01

SHEET NO. 2

1/12/2012

FLORIDA DEPARTMENT OF TRANSPORTATION

PROPOSAL SUMMARY OF PAY ITEMS
LEAD PROJECT : 42455315201 COUNTY : HILLSBOROUG ,

PAGE: 4 A0002

DATE: 01/11/12 MANDIST: 07 PROPOSAL : E7H36 PROJECT(S): 42455315201 COUNTY/SECTION: 10330000 0002 SUMMARY OF ROADWAY PAY ITEMS CONTINUED |UN | 424553/520/ P IALT I ITEM ITEM QUANTITY TOTAL DESCRIPTION 10430-984-125 IMITERED END SECTION, OPTIONAL ROUND, 18 SD 10430-984-129 IMITERED END SECTION, OPTIONAL ROUND, 24 SD 10.000 3.000 10.000 3.000 10430-984-133 IMITERED END SECTION , OPTIONAL ROUND, 30° SD 10430-984-625 IMITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 4.000 4.000 14.000 14.000 10430-984-629 IMITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 2.000 2.000 124 " SD 10430-990- IMITERED END SECT , REPLACE GRATE 10430-991- IMITERED END SECT , REPLACE SLAB 10515- I - I IPIPE HANDRAIL - GUIDERAIL , STEEL 10515- 2-202 IPEDESTRIAN / BICYCLE RAILING , STEEL , 54° PICKET 1.000 17.000 1.000 17.000 3372.000 3372.000 595.000 595.000 INAIL 1
10520- 1- 7 ICONCRETE CURB & GUTTER, TYPE E
10520- 1- 10 ICONCRETE CURB & GUTTER, TYPE F
10520- 2- 4 ICONCRETE CURB, TYPE D
10522- 1- ISIDEWALK CONCRETE, 4* THICK 379.000 379.000 109.000 13207.000 13207.000 10522 - 2 -10522 - 4 -ISIDEWALK CONCRETE, 6" THICK IBUS SHELTER PAD- CONCRETE 521.000 111.000 I- IPATTERNED PAVEMENT, VEHICULAR AREAS
I- 2 ICONCRETE DITCH PAVEMENT, NON REINFORCED, 4* 10523- 1-81.000 81.000 297.000 297.000 IDETECTABLE WARNING ON EXISTING WALKING SURFACE, 10527 - 1 -64.000 64.000 10570- 1- 2 IPERFORMANCE TURF, SOD 52196.000 52196,000 10571- 1- 11 IPLASTIC EROSION MAT, TURF REINFORCED MAT, TYPE 1 91.000 91.000 10710-11-111 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE.

1 | ISOLID, 6" | 10710-11-122 | IPAINTED PAVEMENT MARKINGS, STANDARD, WHITE. 24.266 24.266 19686.000 19686,000 10710-11-123 IPAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 17936.000 17936,000 I ISOLID, 12'
10710-11-124 IPAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 5184.000 5184.000 I ISOLID, 18" 10710-11-125 IPAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ILF I 20268.000 20268.000 I ISOLID, 24' I 10710- 11-131 IPAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP IGM 18.278 18.278 16 * .10 - 30 OR 3 - 9 SKIP 15874.000 15874.000 10710- 11-160 IPAINTED PAVEMENT MARKINGS, STANDARD, WHITE, IEA I 304.000 304.000 IMESSAGE 10710- 11-170 IPAINTED PAVEMENT MARKINGS, STANDARD, WHITE, I IARROWS IEA I 540.000 540,000

FLORIDA DEPARTMENT OF TRANSPORTATION

I NM I

16.006

DATE: 01/11/12 PROPOSAL SUMMARY OF PAY ITEMS PAGE: 9 A0005 LEAD PROJECT : 42455315201 COUNTY : HILLSBOROUG , MANDIST: 07 PROJECT(S): 42455315201 COUNTY/SECTION: 10330000

	0005 SUMMARY	OF SIGNALIZATION	PA	Y ITEMS CONT	INUED	
ALT	/TEM	I ITEM	IUN	42455315201		I QUANTITY TOTA
	I NUMBER	I DESCRIPTION	1/7		1	1
	.	-	-11			
	10690 - 50 -	ICONTROLLER ASSEMBLY, REMOVE, COMPLETE ASSEMBLY	IEA I		I	1 5.000
	10690- 80-	ISPAN WIRE ASSEMBLY, REMOVE	IEA I	5.000	I	1 5.000
	10690 - 90 -	ICONDUIT & CABLING REMOVE	IPI I	5.000	I	1 5.000
	10690-100-	ISIGNAL EQUIPMENT MISCELLANOUS REMOVE	IPI I	5.000	1	1 5.000
	10699 - 1 - 1	IINTERNAL ILLUM SIGN, FURNISH & INSTALL, STREET	IEA I	20.000	l .	1 20.000
	1	INAME	1 1		[1
	10700 - 48 - 19	ISIGN PANELS, F & I, 16 - 100	IEA I	2.000	(1 2.000
	10741 - 70-111	ITMS VEHICLE SENSOR, CLASS II, F&I, TYP I, I/2 LN	IEA I	21.000	(1 21.000
	10745 - 70 - 12	ITMS INDUCTIVE LOOP ASSEM. F&I. 2 LOOPS / LANE	IAS	42.000	1	1 42.000
	10746 - 71-132	ITMS CABINET, F&I, TYPE III, PEDESTAL MNT, 2	IEA I	5.000	1	5.000
	1	IBACKPLANE	1 1		1	1
	10783- 4-111	IITS CONDUIT, F& I. ABOVEGROUND	ILF I	1360.000	1	1 /360.000
		IITS CONDUIT, F& I, UNDERGROUND	ILF I	66355.000	1	1 66355.000
		IITS PULL BOX FOR FIBER OPTIC CABLE, FURNISH AND	IFA I	42.000	i I	1 42.000
	1	I/NSTALL	1 1	,2,000	i	1
	10783- 6- 1	NITS SPLICE BOX FOR FIBER OPTIC CABLE. F & I	iFA i	9.000	i	9.000

FLORIDA DEPARTMENT OF TRANSPORTATION

DATE: 01/11/12 PROPOSAL : E7 H36

PROPOSAL SUMMARY OF PAY ITEMS
LEAD PROJECT : 42455315201 COUNTY : HILLSBOROUG , PAGE: 8 A0005 MANDIST: 07

I I	0005 SUMMARY	OF SIGNALIZATION	PAY	' ITEMS	
I <i>ALT</i>	I NUMBER		177 1	42455315201 I	I QUANTITY TOTAL
 		IDIRECTIONAL BORE, LESS THAN 6	- - <i>LF</i>	/0664.000 I	1 /0664.000
1	10555 - 1 - 2	IDIRECTIONAL BORE, 6" TO < 12"	ILF I	2751.000 I	1 2751.000
I	10630 - 1 - 12	ICONDUIT - SIGNALS, FURNISH & INSTALL, UNDERGROUND	ILF I	35//.000 I	1 35//.000
I	10632- 7- 1	ICABLE, SIGNAL, FURNISH & INSTALL	IPI I	8.000 I	1 8.000
l I	10632- 8-140 I	ICABLE, INTERCONNECT, PAIRS - DETERMINED BY ICONTRACTOR, RELOCATE		4000.000 I	I 4000.000
1	10632- 8-211	ICABLE, INTERCONNECT, I- 25, F&I, AERIAL	ILF I	210.000	1 210.000
1	10632- 8-212	ICABLE, INTERCONNECT, 1-25 PAIRS, F&I, UNDERGROUND	ILF I	/00.000 I	1 /00.000
1	10634- 4-143	ISPAN WIRE ASSEMBLY, F&I, SINGLE POINT, BOX	IPI I	5.000 I	1 5.000
I	10635- /- //	IPULL & JUNCTION BOXES, F&I, PULL BOX	IEA I	/43.000 I	l /43.000
I I	10639 - 1 - 22 1	ISIGNALS, ELECTRICAL POWER SERVICE, UNDERGROUND, IPURCHASED BY CONTRACTOR FROM POWER COMPANY	IAS I	5.000 I	I 5.000
1	10639 - 2 - 1	ISIGNALS, ELECTRICAL SERVICE WIRE	ILF I	947.000 I	1 947.000
l I	10639 - 3 - 11 1	ISIGNALS, ELECTRICAL SERVICE DISCONNECT, F&I,POLE IMOUNT	IEA I	/.000 I	I /.000
I I	10641 - 2- 12 1	IPRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE IPOLE	IEA I	6.000 I	I 6.000
1	10641 - 2 - 17	IPRESTRESSED CONCRETE POLE, F&I, TYPE P-VII	IEA I	4.000 I	1 4.000
1	10641 - 2 - 18	IPRESTRESSED CONCRETE POLE, F&I, TYPE P-VIII	IEA I	/6.000 I	1 /6.000
I	10646 - 1 - 11	IALUMINUM SIGNALS POLE, PEDESTAL	IEA I	54.000 I	1 54.000
I	10650 - 51 - 311	ITRAFFIC SIGNAL, F&I, 3 SECTION, I WAY, STANDARD	IAS I	46.000 I	I 46.000
I	10650 - 51 -411	ITRAFFIC SIGNAL, F&I, 4 SECT I WAY, STD	IAS I	3.000 I	1 3.000
I I	10653-191- I	IPEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, I IDIRECTION	IAS I	50.000 I	I 50.000
I I	1 <i>0653-192-</i> I	IPEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 2 IDIRECTIONS	IAS I	4.000 I	I 4.000
l I	10660 - 1-111 I	ILOOP DETECTOR INDUCTIVE, F&I, TYPE II, 4 CH, SS, IRM	I <i>EA</i> I	29.000 I	I 29.000
	1	ILOOP DETECTOR INDUCTIVE, F&I, TYPE 12, 4 CH, SS, IRM, TD	1 1	/0.000 I	I 10.000
l .		ILOOP ASSEMBLY - F&I, TYPE A	IAS I	45.000 I	1 45.000
l		ILOOP ASSEMBLY, F&I, TYPE B	IAS I	32.000 I	1 32.000
l		ILOOP ASSEMBLY, F&I, TYPE F	IAS I	/3.000 I	1 /3.000
l	10665- 13-	IPEDESTRIAN DETECTOR, F&I, DETECTOR WITH SIGN ONLY	IEA I	54.000 I	1 54.000
 	10670 - 5-111 I	ITRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, I IPREEMPTION	IAS I	5.000 I	I 5.000
I	10670 - 5-410	ITRAFFIC CONTROLLER ASSEMBLY, MODIFY, NEMA	IAS I	4.000	1 4.000
I	10678- 1-104	ICONTROLLER ACCESSORIES, F&I, LOAD SWITCH	IEA I	1.000	1 1.000
 	1	ISYSTEM AUXILIARIES, F&I, UNINTERRUPTIBLE POWER ISOURCE	I <i>EA</i> I	5.000 I	I 5.000
l .		ISIGNAL HEAD TRAFFIC ASSEMBLY REMOVAL	IEA I	45.000 I	1 45.000
I		ISIGNAL PEDESTRIAN ASSEMBLY REMOVAL	IEA I	/4.000 I	1 14.000
1		ISIGNAL PEDESTAL REMOVAL	IEA I	2.000	1 2.000
	10690 - 34 - 1	ICOMPLETE POLE REMOVAL - DEEP. DIRECT BURIAL	IEA I	/5.000 I	1 /5.000

FLORIDA DEPARTMENT OF TRANSPORTATION DATE: 01/11/12 PROPOSAL SUMMARY OF PAY ITEMS

PAGE: 6 A0003

	0007 00000	OF SIGNING		' ITEMS	
ALT I		UF SIGNING		424553/520/ I	
- 1		I DESCRIPTION	177 1	İ	1
		ISINGLE POST SIGN, F&I, LESS THAN 12 SF	 I <i>AS</i> I		II 344.000
		ISINGLE POST SIGN, F&I, LESS THAN 12 SF	IAS		1 63.000
		ISINGLE FOST SIGN, F&I, 12-20 SF	IASI	1.000	1 63.000
		ISINGLE POST SIGN, F&I, 21-30 SF	IASI		
				1.000	1 1.000
		ISINGLE POST SIGN, RELOCATE	IAS I	27.000	1 27.000
		ISINGLE POST SIGN, REMOVE	IAS I	21.000	1 21.000
		IMULTI- POST SIGN, F&I, 50 SF OR LESS	IAS I	16.000	1 /6.000
		IMULTI- POST SIGN, REMOVE	IAS I	4.000	4.000
		ISIGN PANELS, REMOVE	IEA I	17.000 I	1 17.000
- 1	0701- 11-111	IAUDIBLE & VIBRATORY PAVEMENT MARKING, STANDARD,	I N M	4.394 I	1 4.394
I		IWHITE, SOLID,6"	1 1	ı	I I
1	0701- 11-211	IAUDIBLE & VIBRATORY PAVEMENT MARKING, STANDARD,	I N M	2.667	1 2.667
- 1		IYELLOW, SOLID, 6"	1 1	I	I I
		IOBJECT MARKER, TYPE I	IEA I	24.000 I	1 24.000
		IDELINEATOR, FLEXIBLE HIGH VISABILITY MEDIAN	IEA I	28.000 I	I 28.000
		IRETRO-REFLECTIVE PAVEMENT MARKERS	IEA I	2923.000 I	I 2923.000
- 1	0710- 11-190	IPAINTED PAVEMENT MARKINGS, STANDARD, WHITE,	ISF I	67.000 I	I 67.000
- 1		IISLAND NOSE	1 1	·	1
1	0710- 11-290	IPAINTED PAVEMENT MARKINGS, STANDARD, YELLOW,	ISF I	1742.000 I	1 1742.000
- 1		1/SLANDNOSE	1 1	1	I
1	0711- 11-111	ITHERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	I N M	7.739 I	1 7.739
1	0711-11-122	ITHERMOPLASTIC, STANDARD, WHITE, SOLID, 8"	ILF I	9843.000 I	I 9843.000
1	0711- 11-123	ITHERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	ILF I	8968.000 I	I 8968.000
1	0711-11-124	ITHERMOPLASTIC, STANDARD, WHITE, SOLID, 18"	ILF I	2592.000 I	1 2592.000
1	0711- 11-125	ITHERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	ILF I	10134.000 I	1 10134.000
1	0711- 11-131	ITHERMOPLASTIC, STANDARD, WHITE, SKIP, 6 ,10-30	IGM I	9./39 I	I 9./39
- 1		ISKIP OR 3-9 LANE DROP	1 1	1	1
1	0711- 11-151	ITHERMOPLASTIC, STANDARD, WHITE,	ILF I	7937.000 I	1 7937.000
- 1		IDOTTED/GUIDELINE/6-10 GAP EXTENSION, 6"	1 1	1	1
1	0711- 11-160	ITHERMOPLASTIC, STANDARD, WHITE, MESSAGE	IEA I	/52.000 I	1 152.000
1	0711- 11-170	ITHERMOPLASTIC, STANDARD, WHITE, ARROW	IEA I	270.000 I	I 270.000
1	0711- 11-211	ITHERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	I NM I	5.336 I	ı 5.336
		ITHERMOPLASTIC. STANDARD, YELLOW. SOLID. 8"	ILF I	2/3.000	1 2/3.000
		ITHERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"	ILF I	254.000 I	1 254.000
		ITHERMOPLASTIC, STANDARD, YELLOW, DOTTED /	ILF I	3378.000 I	1 3378.000
i		IGUIDELINE/6-10 GAP EXTENSION, 6"	1 1	1	1
i.	0711- 17-	ITHERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC	ise i	690.000 i	1 690.000
ï	· · · · · · · · · · · · · · · · · · ·	IPAVEMENT MARK INGS	1 1	1	1 050.000
		IPREFORMED TAPE, HIGH PERFORMANCE, BLACK, SKIP, 6		0.066	0.066

	REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				
01/12/12	DC	AREVISED QUANTITIES							

10710 - 11-211 IPAINTED PAVEMENT MARKINGS, STANDARD, YELLOW,

2463 ENTERPRISE ROAD PHONE: (727) 797-8982

16.006

CUMBEY & FAIR, INC. CLEARWATER, FLORIDA 33763

CERTIFICATE OF AUTHORIZATION NO. 00002160 TIMOTHY E. BOURNE, P.E. 47149

DEF	STATE OF FLOI PARTMENT OF TRAN	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 583	HILLSBOROUGH	424553-1-52-01

SUMMARY OF PAY ITEMS

SHEET NO.

- 2. B.M. DATA IS NATIONAL GEODETIC VERTICAL DATUM OF 1929, NGVD '29'.
- 3. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN, UNLESS OTHERWISE NOTED.
- 4. ANY PUBLIC LAND CORNER OR BENCHMARK WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE ENGINEER SHOULD NOTIFY THE DISTRICT LAND SURVEYOR DENNIS JENT WITHOUT DELAY BY TELEPHONE (813) 975-6778.
- 5. THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE ENGINEER. THE CONTRACTOR SHALL PROVIDE A COPY TO THE DISTRICT CONTAMINATION IMPACTS COORDINATOR (DCIC). THE CONTRACTOR SHALL PROVIDE THE DCIC WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) (2008) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. THE ENGINEER SHALL COORDINATE WITH THE DCIC PRIOR TO ISSUING WRITTEN APPROVAL TO THE CONTRACTOR. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED A MSDS SUBMITTAL.
- 6. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE ENGINEER IS TO NOTIFY THE DCIC OF THE DISCOVERY. THE DCIC WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE ENGINEER; THE DCIC WILL ADVISE THE ENGINEER.
- 7. ALL SYNTHETIC BALES AND SILT FENCE SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.
- 8. THE CONTRACTOR WILL RESTRICT PERSONNEL, THE USE OF EQUIPMENT AND THE STORAGE OF MATERIALS TO AREAS WITHIN THE LIMITS OF CONSTRUCTION AS NOTED ON THE PLAN SHEETS. ANY OFF-SITE STORAGE AREA WILL REQUIRE PRIOR REVIEW BY FDOT DEMO STAFF.
- 9. EROSION CONTROL ITEMS ARE ESTIMATED FOR PREVENTION, CONTROL, ABATEMENT OF EROSION, SEDIMENTATION, AND WATER POLLUTION. THESE ITEMS ARE TO BE USED AT THE LOCATIONS DESCRIBED IN THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN OR AS DIRECTED BY THE ENGINEER TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
- IO. ALL LANES ON SR 583 MUST BE OPEN FOR TRAFFIC DURING AN EVACUATION NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENTS AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE ENGINEER.
- II. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS, IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC. COST OF THIS SHALL BE INCIDENTAL TO WORK BEING PERFORMED.
- 12. THE CONTRACTOR SHALL LIMIT THE LENGTH OF MILLING OPERATIONS TO ASSURE THAT TRAFFIC IS NOT PLACED ON ANY ASPHALT MILLED SURFACE.
- 13. THE CONTRACTOR SHALL USE ALL DUE DILIGENCE TO PROTECT THE EXISTING PAVERS, LANDSCAPING, LIGHTING AND ARCHITECTURAL FEATURES WITHIN THE PROJECT RIGHT-OF-WAY. THE CONTRACTOR SHALL REPLACE AND/OR RESTORE ANY DAMAGED FEATURE TO ITS ORIGINAL CONDITION WITH THE SAME, OR EQUIVALENT MATERIAL TO THE SATISFACTION OF THE LOCAL MAINTAINING AGENCY, AND THE DEPARTMENT.
- 14. THE CONTRACTOR SHALL PROVIDE THE CITY OF TEMPLE TERRACE WITH 60 DAYS NOTICE PRIOR TO THE INITIATION OF WORK THAT WILL IMPACT EXISTING LANDSCAPING ON THE PROJECT. THE CITY SHALL BE GIVEN ACCESS TO THE PROJECT SITE IN ORDER TO SALVAGE LANDSCAPING WITHIN THOSE 60 DAYS. AS A CONDITION OF REMOVING LANDSCAPING, THE CITY MUST RESTORE THE PROJECT SURFACE TO IT'S ORIGINAL GRADE.
- 15. TRUNCATED DOMES SHALL BE APPLIED TO ALL SIDEWALKS AT ALL PAVED CROSSINGS, PER INDEX 304 AND 310.
- 16. THE CONTRACTOR IS ADVISED THAT THE USE OF TEMPORARY STEEL SHEET PILE OR SHORING MAY BE REQUIRED. PER SPECIFICATION 455-12.6.2, THESE AREAS ARE NOT CONSIDERED TO BE CRITICAL AND ALL COSTS SHALL BE INCIDENTAL TO THE WORK BEING PERFORMED AND NO SEPARATE PAYMENT SHALL BE MADE.
- 17. IO (TEN) DAYS PRIOR TO REMOVAL/DEMOLITION OF ANY STRUCTURE, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AGENCY AND SUBMIT THE IO (TEN) DAY NOTIFICATIONS (FORM, REPORTS, FEES, ETC) AS NECESSARY FOR NESHAP (NATIONAL EMISSION STANDARD FOR HAZARDOUS AIR POLLUTANTS). AT THE SAME TIME, THE CONTRACTOR SHALL PROVIDE A COPY OF THE NOTIFICATIONS TO THE ENGINEER AND TO ROBERTO G. GONZALEZ, REM, FDOT DISTRICT 7, 11201 N. MCKINLEY DRIVE, M.S. 7-500, TAMPA, FL 33612-6456
- 18. ASBESTOS SURVEYS WILL BE PEROFRMED ON BRIDGE NOS. 100267 AND 100268 BY THE DISTRICT CONTAMINATION ASSESSMENT/REMEDIATION CONTRACTOR (CAR) PRIOR TO CONSTRUCTION.
- 19. PENDING BRIDGE ASBESTOS SURVEY RESULTS, IF THE PRESENCE OF ASBESTOS CONTAINING MATERIAL IS INDICATED, THE CAR WILL PERFORM ABATEMENT ACTIVITIES AS WELL AS PROPER HANDLING AND DISPOSAL OF SUCH MATERIALS, DURING CONSTRUCTION.
 - I. THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE ENGINEER NO MORE THAN TWO (2) MONTHS AND NO LESS THAN ONE (I) MONTH PRIOR TO THE DATE AS TO WHEN THE CAR CAN PROCEED WITH ASBESTOS ABATEMENT ACTIVITIES. IF THE CONTRACTOR CHANGES THE DATE TO ONE DIFFERENT THAN WHAT IS ON THE NOTIFICATION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY AND THE NOTIFICATION PROCEDURE STATED ABOVE SHALL BE FOLLOWED AGAIN USING A THREE (3) WEEK WRITTEN NOTICE FOR THE CAR TO PROCEED.
 - II. THE ENGINEER SHALL PROVIDE A COPY OF EACH NOTIFICATION TO THE CAR WITHIN TWO (2) BUSINESS DAYS OF BEING NOTIFIED.

- 20. THE CONTRACTOR SHALL PROVIDE A CERTIFICATE AFFIRMING THAT NO MATERIALS CONTAINING ASBESTOS WERE USED IN CONSTRUCTION OF THE PROJECT.
 - I. A COPY OF THESE CERTIFICATIONS ARE TO BE PROVIDED TO ROBERTO G. GONZALEZ, REM, FDOT DISTRICT 7, 11201 N. MCKINLEY DRIVE, M.S. 7-500, TAMPA, FL 33612-6456
- 21. ASBESTOS SURVEY RESULTS AND CONTAMINATION ASSESSMENT RESULTS MAY BE REQUESTED THROUGH THE BID QUESTION WEBSITE AT HTTP://WWW2.DOT.STATE.FL.US/CONSTRUCTION/D7/CONSTRUCTIONBIDQUESTIONS.ASP
 - 2. THE CONTRACTOR SHALL OBTAIN AND BECOME FAMILIAR WITH THE RESULTS FOR USE AS AN AID IN IDENTIFYING SCOPE OF WORK.
 - b. BRIDGE ASBESTOS SURVEY REPORTS SHALL BE KEPT BY THE CONTRACTOR ON THE CONSTRUCTION SITE AND BE AVAILABLE FOR REVIEW UPON REQUEST.
- 22. PER FDOT SPECIFICATION 8-6.4, SUSPENSION OF CONTRACTOR'S OPERATIONS-HOLIDAYS AND SPECIAL EVENT DAYS FOR THE PROJECT INCLUDE:
 - a. REPUBLICAN NATIONAL CONVENTION
 -). ALL EVENTS AT FLORIDA STATE FAIRGROUNDS AND AMPHITHEATRE WITH AN ANTICIPATED CROWD OF 35K OR LARGER.
 - c. ALL EVENTS IN YBOR CITY WITH AN ANTICIPATED CROWD OF 20K OR HIGHER.

CONTAMINATION NOTES:

- I. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THEIR OWN NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND TO DISCHARGE WATER FROM UNCONTAMINATED SITES. CONTRACTOR CANNOT UTILIZE CAR'S TREATMENT SYSTEM TO DISCHARGE WATER FROM UNCONTAMINATED AREAS.
- P. GROUNDWATER SAMPLE RESULTS COLLECTED BY THE CONTRACTOR THAT DO NOT MEET THE NPDES PERMIT CRITERIA, SHALL BE PROVIDED TO THE CAR BY THE CONTRACTOR, ALONG WITH THE ASSOCIATED SAMPLE LOCATIONS. THE CAR SHALL PERFORM CONFIRMATION GROUNDWATER SAMPLING TO VERIFY THE CONTRACTOR'S RESULTS. THE CAR WILL NOTIFY THE ENGINEER AND CONTRACTOR OF THE RESULTS AS SOON AS PRACTICAL.
 - a. IF IT IS NECESSARY FOR THE CAR TO TREAT AND DISCHARGE THE GROUNDWATER BASED ON THE SAMPLE RESULTS, REASONABLE TIME SHALL BE ALLOWED FOR THE CAR TO OBTAIN NECESSARY DISCHARGE PERMIT(S). HISTORICALLY, THE CAR HAS OBTAINED DISCHARGE PERMITS WITHIN APPROXIMATELY FOUR (4) MONTHS OF RECEIVING THEIR SAMPLE RESULTS. HOWEVER, THE TIME FRAME TO OBTAIN DISCHARGE PERMITS IS DEPENDANT ON THE AGENCY PROVIDING THE PERMIT.
- THE CONTRACTOR SHALL CLOSELY COORDINATE WORK IN CONTAMINATED AREAS WITH THE ENGINEER AND THE CAR.
- 4. FOR EACH CONTAMINATED SITE:
 - THE CONTRACTOR SHALL PROVIDE A SEPARATE WRITTEN NOTIFICATION TO THE ENGINEER AND CAR NO MORE THAN TWO (2) MONTHS AND NO LESS THAN ONE (1) MONTH IN ADVANCE OF CONSTRUCTION AT EACH CONTAMINATED SITE, INCLUDING REMOBILIZATIONS. IN ADDITION, IF THE CONTRACTOR DOES NOT STATT CONSTRUCTION ACTIVITIES BY ONE (1) WEEK AFTER THE DATE STATED ON THE NOTICE OR CEASES CONTRUCTION ACTIVITIES FOR MORE THAN ONE (1) WEEK, THE CAR WILL DEMOBILIZE FROM THE SITE AND THE MINIMUM THREE (3) WEEK NOTIFICATION PROCEDURE STATED ABOVE MUST BE FOLLOWED AGAIN. THE CONTRACTOR SHALL WORK WITHIN THE IDENTIFIED AREAS IN AN EXPEDITIOUS MANNER TO REDUCE ADDITIONAL COSTS INCURRED BY THE DEPARTMENT.
 - b. THE ENGINEER SHALL PROVIDE A COPY OF EACH SEPARATE NOTIFICATION TO THE CAR WITHIN TWO (2) BUSINESS DAYS OF RECEIVING THIS DOCUMENT IN ORDER FOR THE CAR TO PROVIDE EFFICIENT SUPPORT SERVICES.
 - C. THE CONTRACTOR WILL PROVIDE THE CAR WITH A LEVEL STAGING AREA FOR THE GROUNDWATER TREATMENT SYSTEM FOR EACH INDIVIDUAL CONTAMINATED SITE ON THE PROJECT THAT DOES NOT CONFLICT WITH FUTURE OR CURRENT CONSTRUCTION ACTIVITIES.
 - 1. THE STAGING AREA SHALL MEASURE 50 FEET BY 90 FEET AND IS FOR THE SOLE USE OF THE CAR DURING REMEDIATION ACTIVITIES.
 - 11. THE STAGING AREA SHALL BE WITHIN CLOSE PROXIMITY OF PERMITTED DEWATERING DISCHARGE LOCATIONS.
- 5. UNLESS OTHERWISE PROVIDED FOR IN THE PLANS, THE CAR WILL PROVIDE REPLACEMNT BACKFILL FOR AREAS OF CONTAMINATED SOIL REMOVAL IN THE FORM OF FDOT-SELECT FILL AT A 1TO 1RATIO (EG. TON FOR TON), EXCEPT AT THOSE SITE WHERE THE CONTAMINATED SOIL IS REPLACED WITH FLOWABLE FILL BY THE PRIME CONTRACTOR
- CONTAMINATION MAY BE PRESENT ALONG THE CORRIDOR AT THE LOCATIONS BELOW, DEPENDING ON CONTAMINAITON
 ASSESSMENT RESULTS. ANTICIPATED TREATMENT MEASURES FOR EACH POTENITALLY CONTAMINATED SITE ARE AS FOLLOWS:
 - a. VERILITE,6010 N 56TH STREET APPROXIMATE STA 27+00 TO 31+00 RT.DRAINAGE STRUCTURES S-32,S-33,S-34, S-35,S-36,ASSOCIATED 18-IN PIPE,AND A STRAIN POLE (STA 27+00 RT)ARE PROPOSED IN THE VICINITY OF THIS SITE.

ASSUMING A SOIL AND GROUNDWATER ASSESSMENT INDICATES THE PRESENCE OF CONTAMINATION; THE CAR WILL PROVIDE SOIL SCREENING, REMOVAL AND DISPOSAL OF CONTAMINATED SOILS AND DRILLING SLUDGE ENCOUTNERED AT THIS SITE. ADDITIONALLY, THE CAR WILL PROVIDE GROUNDWATER TREATMENT AND DISCHARGE TO STORMWATER DRAINAGE UNDER A GENERIC, SHORT-TERM NPDES PERMIT, TO THE SANITARY SEWER SYSTEM, OR TO AN ALTERNATIVE LOCATION IN SUPPORT OF THE CONTRACTOR'S DEWATERING OPERATIONS.

. ELITE CLEANERS, 11301 N 56TH STREET - APPROXIMATE STA 199+00 TO 205+00 RT. DRAINAGE STRUCTURES S-54, S-55, S-56, S-57, AND ASSOCIATED 18-IN PIPE ARE PROPOSED IN THE VICINITY OF THIS SITE.

ASSUMING A SOIL AND GROUNDWATER ASSESSMENT INDICATES THE PRESENCE OF CONTAMINATION; THE CAR WILL PROVIDE SOIL SCREENING, REMOVAL AND DISPOSAL OF CONTAMINATED SOILS AT THIS SITE. ADDITIONALLY, THE CAR WILL PROVIDE GROUNDWATER TREATMENT AND DISCHARGE TO STORMWATER DRAINAGE UNDER A GENERIC, SHORT-TERM NPDES PERMIT, TO THE SANITARY SEWER SYSTEM, OR TO AN ALTERNATIVE LOCATION IN SUPPORT OF THE CONTRACTOR'S DEWATERING OPERATIONS.

FOR ALL SITES LISTED ABOVE, CAR WILL PERFORM CONTAMINATION REMEDIATION ACTIVITIES ONCE UTILITY ADJUSTMENTS HAVE BEEN COMPLETED IN THOSE AREAS. CAR, UTILITIES AND CONTRACTOR SHALL COORDINATE WITH EACH OTHER IN CONTAMINATED AREAS.

R E V I S I O N S

DATE BY DESCRIPTION DATE BY DESCRIPTION

OI/12/12 PB ADDED NOTE

C 24 C C P

CUMBEY & FAIR, INC. 2463 ENTERPRISE ROAD CLEARWATER, FLORIDA 33763 PHONE: (727) 797-8982

CERTIFICATE OF AUTHORIZATION NO. 00002168
TIMOTHY E. BOURNE, P.E. 47149

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO. COUNTY FINANCIAL PROJECT ID

SR 583 HILLSBOROUGH 424553-1-52-01

GENERAL NOTES

SHEET NO.

14

PAY	DESCRIPTION	LINIT													Si	HEET	NUMBE	RS													GR	PAND
ITEM NO.	DESCRIFTION	UNIT	20	60	2	261	2	66	269	2	270	271		272		275 276		76	280		282	283		284		<i>28</i> 5	292		293	TO	GRAND TOTAL	
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN FINAL	PLAN	FINAL PL	AN FINA	AL PLA	AN FINAL	. PLAN	FINAL	PLAN FINA	LPLAN	FINAL
555-1-1	DIRECTIONAL BORE (LESS THAN 6")	LF	50							90		80		50								90	70	(5	95	5	70		65	695	
715-1-12	LIGHTING CONDUCTORS (F&I), INSULATED (NO. 8-6)	LF	1099		740				583	1733		1670		1528								1291	1777	17	80	103	ß9	463		693	14396	
715-1-60	LIGHTING CONDUCTORS, REMOVE & DISPOSE	LF	349		<i>23</i> 5				185	550		530		<i>4</i> 85								410	564	5	55	33	o				4782	
	(CONTRACTOR OWNS)																															
715-2-11	LIGHTING CONDUIT (F&I) UNDERGROUND	LF	299		235				185	476		450		435								320	424	5	55	23	5	77		/55	3856	
715-4-400	LIGHT POLE COMPLETE (RELOCATE)	EΑ	1		2		1		2	2		3		2		1		1		1		3	3		3	1				2	28	
7 15-7-21	LOAD CENTER (REWORK)	EΑ																													1	
715-14-11	LIGHTING PULL BOX	EΑ								2		2		2								2	2		/						//	

■ NOTE: CONTRACTOR TO LOCATE IN FIELD (LOCATION NOT SHOWN IN PLANS)

POIF DATA

POLE NO.	CIRCUIT	STATION	DIST. OR ARM	LUMINAIRE WATTAGE	MOUNTING HEIGHT	POLE SETBACK	PAY ITEM
1	EXIST.	1022+07.83 € CONST. SR 583	EXIST.	EXIST.	EXIST.	II2.59' RT.	715-4-400
2	EXIST.	1024+08.94 € CONST. SR 583	EXIST.	EXIST.	EXIST.	II8.84' RT.	715-4-400
3	EXIST.	1025+98.79 € CONST. SR 583	EXIST.	EXIST.	EXIST.	120.27' RT.	715-4-400
4	EXIST.	1055+19.41 € CONST. SR 583	EXIST.	EXIST.	EXIST.	18.52' RT.	715-4-400
5	EXIST.	1072+07.87 € CONST. SR 583	EXIST.	EXIST.	EXIST.	109.96' RT.	715-4-400
6	EXIST.	1073+92.46 € CONST. SR 583	EXIST.	EXIST.	EXIST.	II2.94' RT.	715-4-400
7	EXIST.	1076+48.18 € CONST. SR 583	EXIST.	EXIST.	EXIST.	36.57' LT	715-4-400
8	EXIST.	1078+15.62 € CONST. SR 583	EXIST.	EXIST.	EXIST.	33.00' LT.	715-4-400
9	EXIST.	1080+09.38 € CONST. SR 583	EXIST.	EXIST.	EXIST.	29.79' LT.	715-4-400
10	EXIST.	1081+95.78 € CONST. SR 583	EXIST.	EXIST.	EXIST.	32.2I' LT.	715-4-400
//	EXIST.	1083+88.20 € CONST. SR 583	EXIST.	EXIST.	EXIST.	34.70' LT.	715-4-400
12	EXIST.	1085+76.55 € CONST. SR 583	EXIST.	EXIST.	EXIST.	100.88' RT.	715-4-400
13	EXIST.	1089+54.37 € CONST. SR 583	EXIST.	EXIST.	EXIST.	106.90' RT.	715-4-400
14	EXIST.	1104+74.66 € CONST. SR 583	EXIST.	EXIST.	EXIST.	09.97' LT.	715-4-400
<i>1</i> 5	EXIST.	III2+42.40 € CONST. SR 583	EXIST.	EXIST.	EXIST.	BACK OF SIDEWALK	715-4-400
16	EXIST.	16+26.38 € CONST. SR 583	EXIST.	EXIST.	EXIST.	09.88' LT.	715-4-400
17	EXIST.	24+10.30 € CONST. SR 583	EXIST.	EXIST.	EXIST.	10.39' LT.	715-4-400
18	EXIST.	25+82.52 € CONST. SR 583	EXIST.	EXIST.	EXIST.	10.82' LT.	715-4-400
19	EXIST.	27+73.45 & CONST. SR 583	EXIST.	EXIST.	EXIST.	BACK OF GRAVITY WALL	715-4-400
20	EXIST.	29+73.55 € CONST. SR 583	EXIST.	EXIST.	EXIST.	BACK OF GRAVITY WALL	715-4-400
21	EXIST.	32+16.52 € CONST. SR 583	EXIST.	EXIST.	EXIST.	BACK OF GRAVITY WALL	715-4-400
22	EXIST.	33+72.84 € CONST. SR 583	EXIST.	EXIST.	EXIST.	BACK OF GRAVITY WALL	715-4-400
23	EXIST.	35+62.73 € CONST. SR 583	EXIST.	EXIST.	EXIST.	BACK OF GRAVITY WALL	715-4-400
24	EXIST.	37+42.05 € CONST. SR 583	EXIST.	EXIST.	EXIST.	BACK OF GRAVITY WALL	715-4-400
25	EXIST.	39+10.89 € CONST. SR 583	EXIST.	EXIST.	EXIST.	BACK OF GRAVITY WALL	715-4-400
26	EXIST.	41+13.36 € CONST. SR 583	EXIST.	EXIST.	EXIST.	BACK OF GRAVITY WALL	715-4-400
27	EXIST.	84+65.68 € CONST. SR 583	EXIST.	EXIST.	EXIST.	09.89' LT.	715-4-400
28	EXIST.	86+54.71 € CONST. SR 583	EXIST.	EXIST.	EXIST.	06.69' LT.	715-4-400
* A	EXIST.	196+23.27 € CONST. SR 583	EXIST.	EXIST.	EXIST.	N/A	N/A
* B	EXIST.	200+44.29 € CONST. SR 583	EXIST.	EXIST.	EXIST.	N/A	N/A
* C	EXIST.	201+54.12 € CONST. SR 583	EXIST.	EXIST.	EXIST.	N/A	N/A

* TO BE RELOCATED BY TECO

PAY ITEM NOTES

715-1-12: INCLUDES CONDUCTORS AS INDICATED IN THE PLANS AND THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS.
PAYMENT SHALL BE MADE BASED ON LINEAR FEET OF SINGLE CONDUCTOR. INCLUDES COST TO MAKE ANY ADJUSTMENTS OR
DISCONNECTION OF POLE. INCLUDES ALL LABOR, MATERIAL AND HARDWARE TO TIE AND CONNECT EACH END OF THE LIGHTING
CONDUCTOR TO THE EXISTING CIRCUIT AT THE EXISTING POLES CALLED FOR IN THE PLANS TO REMAIN. SPLICING IS NOT ALLOWED.

INCLUDES COST TO DISCONNECT AND RECONNECT EXISTING CONDUCTOR AND CONDUIT FROM EXISTING LIGHT POLES. INCLUDES ALL TRENCHING AND RELOCATION OF EXISTING CONDUIT, CONDUCTOR, AND PULL BOXES. INCLUDES ANY AND ALL WORK TO REMOVE AND REPLACE CONDUCTORS, CONDUIT, ELBOWS, SWEEPS AND ANY HARDWARE AT EXISTING LIGHT POLES FOR A COMPLETE WORKING

- 2. 715-1-60: INCLUDES COST TO REMOVE CONDUCTORS AS CALLED FOR IN THE PLANS. INCLUDES ALL LABOR, MATERIAL AND HARDWARE TO CUT EXISTING CONDUIT AT ROADWAY/DRIVEWAY CROSSINGS, FILL IT AND SEAL IT TO BE ABANDON AS CALLED FOR IN THE PLANS.
- 3. 715-2-II: INCLUDES CONDUIT, LIQUID TIGHT FLEXIBLE METAL CONDUIT, ELBOWS, SWEEPS, CONNECTING HARDWARE, STRAPS, TRENCHING AND BACK FILL WHEN NEEDED. THE LINEAL FEET OF CONDUIT INCLUDES ALL LABOR AND MATERIALS TO RESTORE CUT PAVEMENT, SIDEWALK, SOD, ETC. TO ITS ORIGINAL CONDITION. CONDUIT PLACED BY DIRECTIONAL DRILL METHOD OR AT DRIVEWAY CROSSING SHALL BE HDPE PIPE (2").
- 4. 715-4-400: INCLUDES ALL LABOR, MATERIAL AND HARDWARE TO REMOVE AND RELOCATE EACH EXISTING LIGHT POLE (COMPLETE)
 AS CALLED FOR IN THE PLANS TO BE PLACED BEHIND THE BARRIER WALL OR AS NOTED IN THE PLANS. NO SCREW BASES
 ALLOWED. INCLUDES NEW ANCHOR BOLTS WITH LOCK NUTS AND WASHERS, FRANGIBLE BASES, FOUNDATION OR SPECIAL
 FOUNDATIONS, SURGE PROTECTORS AND FUSE HOLDERS WITH FUSES FOR A COMPLETE AND WORKING SYSTEM.

INCLUDES COST TO RELOCATE, TRENCH, AND ADJUST EXISTING CONDUIT, CONDUCTOR, AND PULL BOXES AS NEEDED OR CALLED FOR IN THE PLANS.

- 715-7-21: INLCUDES THE COST FOR THE CONTRACTOR TO LOCATE THE EXISTING LOAD CENTER, AND MAKE ALL MODIFICATIONS TO DISCONNECT AND RECONNECT ALL EXISTING CIRCUITS. INCLUDES TESTING OF THE CIRCUTIS AND LOAD CENTER FOR A COMPLETE WORKING LIGHTING SYSTEM.
- 6. 715-14-11: ROADSIDE PULL BOX SHALL BE QUAZITE TYPE (EQUIVALENT OR EQUAL WITH COVER MARKED "HIGH VOLTAGE STREET LIGHTING", PLACE FLUSH TO GRADE.

I FGFND

SYMBOLS

DESCRIPTION

 \bigcirc \otimes

EXISTING ROADWAY LIGHT POLE

EXISTING ROADWAY LIGHT POLE, BASE, ARM AND LUMINAIRE COMPLETE TO BE RELOCATED.



- • • -

SIZE 2" U.L. LISTED SCHEDULE 40 P.V.C. CONDUIT PLACED UNDERGROUND WITH RHW-2-XLP CONDUCTORS INSIDE CONDUIT (CONDUCTOR SIZE AS SHOWN ON PLAN SHEETS). RUN ONE AWG COPPER BOND CONDUCTOR AND GREEN INSULATED BOND CONDUCTOR INSIDE CONDUIT WITH OTHER CONDUCTORS.

SIZE 2" U.L. LISTED HDPE CONDUIT AND COUPLINGS DIRECTIONAL DRILLED (WITH SPARE CONDUIT) AT ROADWAY/DRIVEWAY CROSSINGS. RUN AWG RHW-2-XLP CONDUCTORS AND RHW-2-XLP GREEN INSULATED BONDING CONDUCTOR INSIDE CONDUIT (CONDUCTOR SIZE AS SHOWN ON PLAN SHEETS).

PULL BOX. FOR SPECIFICATIONS SEE SECTION 635 OF STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (STAMPED "HIGH VOLTAGE STREET LIGHTING").

	REVI	SIONS		
DATE BY	DESCRIPTION	DATE	BY	DESCRIPTION
OI/12/12 DL AMOVED POLE	LOCATION OFFSET			

PHONE: (727) 797-8982

CUMBEY & FAIR, INC. 2463 ENTERPRISE ROAD CLEARWATER, FLORIDA 33763

CERTIFICATE OF AUTHORIZATION NO. 00002168 TIMOTHY E. BOURNE, P.E. 47149

DEF	STATE OF FLOI PARTMENT OF TRAN	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 583	HILLSBOROUGH	424553-1-52-01

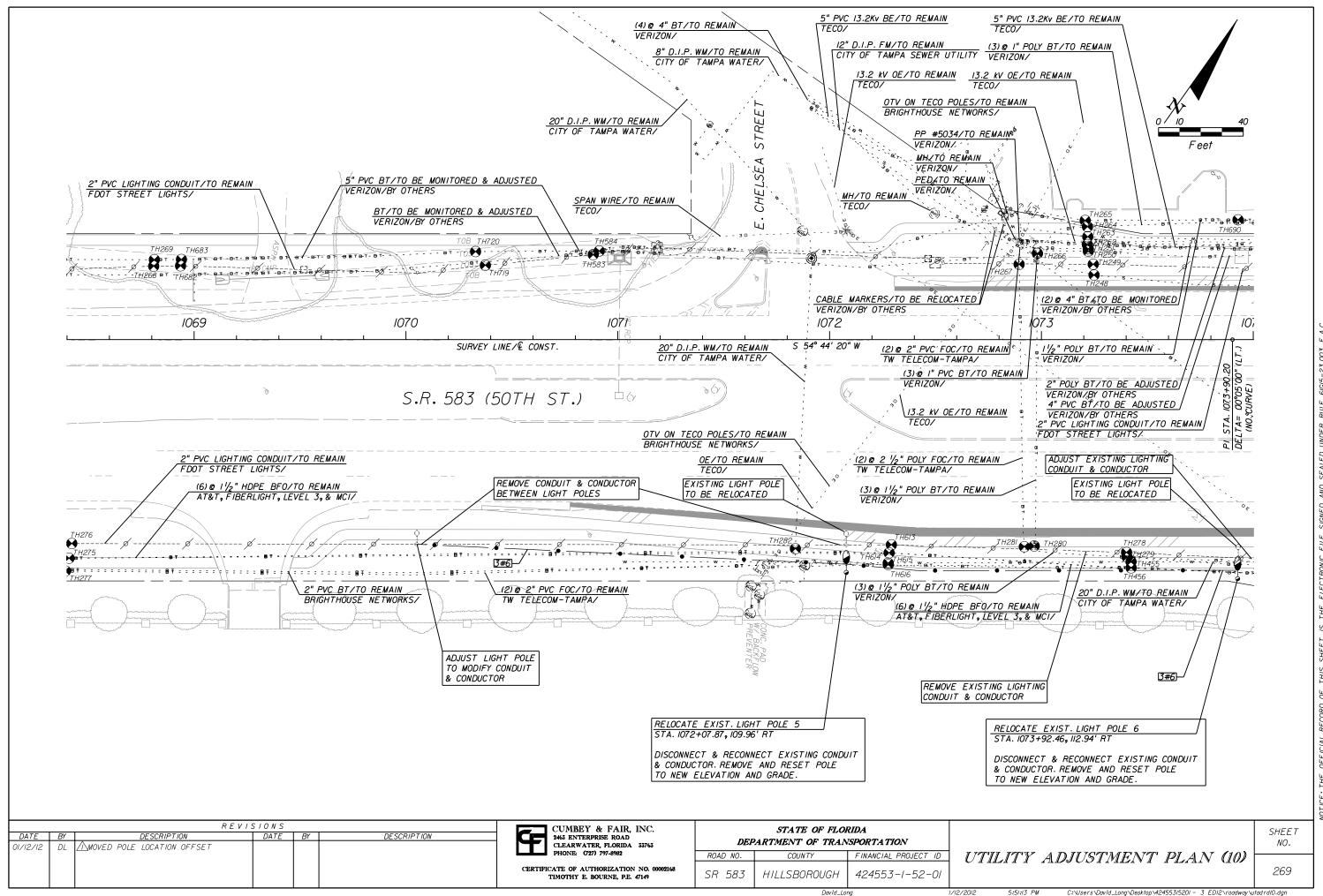
LIGHTING DETAILS

SHEET NO.

15

David_Long

1/12/2012



PAY				SHEET NUMBERS											TOTAL THIS	REF.				
ITEM NO.	DESCRIPTION	UNIT	T-7 7		-8	T-9	τ.	-10	T-11	T-II T-I2		T-13 T-14			T-15	Т	- <i>16</i>	SHEET	TOTAL	SHEET
			PLAN FINAL	PLAN	FINAL	PLAN FINAL	PLAN	FINAL	PLAN FINAL	PLAN	FINAL	PLAN FINAL	PLAN	FINAL	PLAN FINAL	PLAN	FINAL	PLAN FINAL	PLAN FINAL	
555-1-1	DIRECTIONAL BORE (LESS THAN 6") 2" HDPE	LF																533		
	2" HDPE - 2 RUNS 4" HDPE - I RUN					200	225						108			-				
555-1-2	DIRECTIONAL BORE, 6" TO < 12"	LF														1		2190		
	2" HDPE - 3 RUNS			396		230	333			389			146			435				
	2" HDPE - 4 RUNS												261							
	2" HDPE - 3 RUNS AND 4" HDPE - I RUN 4" HDPE - 2 RUNS															1				-
630-1-12	CONDUIT (UNDERGROUND) (F&I)	LF		486		167	266			362			468		15	663		2427		
632-7-1	CABLE (SIGNAL), (F&I)	PI	1			, V		\triangle	1			1			1	"		6		
632-8-140	CABLE, INTERCONNECT, PAIRS - TBD BY CONTRACTOR	LF								1000			1000			1000		3000		
632-8-211	CABLE, INTERCONNECT, I - 25, F&I, AERIAL	LF LF					-			25			25			25		75 75		
632-8-212 634-4-143	SPAN WIRE ASSEMBLY (F&I) (SINGLE POINT) (BOX)	PI	,						,	25		,	25		,	25	'	4		
635-1-11	PULL & JUNCTION BOXES (F&I) (PULL BOX)	EA	,	15		9	18		,	18		,	18		3	18		99		
639-1-22	ELECTRICAL POWER SERVICE (OVERHEAD)	AS	1						1			1			1			4		
	(PURCHASED BY CONTRACTOR FROM POWER COMPANY)												700			L				
639-2-1 639-3-11	ELECTRICAL SERVICE WIRE (F&I) SIGNALS - ELECTRICAL SERVICE DISONNECT	LF EA		45						75			392			225		737		
641-2-12	PRESTRESSED CONCRETE POLE (F&I)	EA	1						,			2			1	<u> </u>		5		
	(TYPE P-II SERVICE POLE) (12')																			
641-2-17	PRESTRESSED CONCRETE POLE, F&I, TYPE P-VII	EA																0 4		
641-2-18	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-VIII)	EA	4						4 //			4			4	-		16 🛆		-
646-1-11 650-51-311	ALUMINUM SIGNAL POLE (F&I) (PEDESTAL) TRAFFIC SIGNAL (F&I) (3 SECTIONS) (I-WAY) (STD)	EA AS	8		-	2	8		8			8			8 9	1		42 38		
650-51-411	TRAFFIC SIGNAL (F&I) (3 SECTIONS) (I-WAY) (STD)	AS	,,,,						2			1				1		3		
653-191	PEDESTRIAN SIGNAL, F&I, LED, COUNTDOWN,	AS	8			2	8		8			8			8			42		, i
	I DIRECTION																			
653-192	PEDESTRIAN SIGNAL, F&I, LED, COUNTDOWN,	AS														<u> </u>				<u> </u>
660-1-111	2 DIRECTION LOOP DETECTOR, INDUCTIVE (F&I)	EA	6						6			8			5	 		25		
000 1 111	(TYPE II, 4 CH, SS, RM)															 				
660-1-112	LOOP DETECTOR, INDUCTIVE (F&I)	EΑ	2						2			2			2			8		
	(TYPE 12, 4 CH, SS, RM, TD)																			
660-2-101	LOOP ASSEMBLY (F&) (TYPE A)	AS	4			2	12		4			7 4			4	<u> </u>		33		
660-2-102 660-2-106	LOOP ASSEMBLY (F&) (TYPE B) LOOP ASSEMBLY (F&I) (TYPE F)	AS AS	2			4	4		2			2			4	 		20		- L
665-13	PEDESTRIAN DETECTOR (F&I) (DETECTOR	EA	8			2	8		8			8			8	1		42		
	WITH SIGN ONLY)					_			-									_		
670-5-111	ACTUATED SOLID STATE CONTROLLER ASSEMBLY	AS	1						1			1			1			4		
670 F 410	(F&I) (NEMA) (ONE PREEMPTION PLAN)	4.0				,	ļ ,									<u> </u>				
670-5-410	TRAFFIC CONTROLLER ASSEMBLY (MODIFY) (NEMA) (NONE)	AS				/	 '													
678-1-104	CONTROLLER ACCESSORIES (F&I) LOAD SWITCH	EΑ				1										1		,		
685-106	SYSTEM AUXILIARIES (F&I)	EA	1						1			1			1			4		
	(UNINTERRUPTIBLE POWER SOURCE)															<u> </u>				
690-10 690-20	SIGNAL HEAD TRAFFIC ASSEMBLY REMOVAL SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	EA EA					4									 				
690-31	SIGNAL PEDESTRIAN ASSEMBLI REMOVAL	EA					-									 		7		
690-34-1	COMPLETE POLE REMOVAL-DEEP (DIRECT BURIAL)	EA														1				
690-50	CONTROLLER ASSEMBLY (REMOVE)	EA																		
	(COMPLETE ASSEMBLY)															<u> </u>				
690 -80 690 -90	SPAN WIRE ASSEMBLY (REMOVE) CONDUIT & CABLING (REMOVE)	EA PI														 				
690-100	SIGNAL EQUIPMENT MISCELLANOUS REMOVE	PI														 				7
699-1-1	INTERNALLY ILLUMINATED SIGN	EA		4						4			4			4		16		
741-70-111	TMS VEHICLE SENSOR, CLASS II, F&I, TYP,	EA																		
7.45 70 10	1/2 LANE				-											-				
745-70-12 746-71-132	TMS INDUCTIVE LOOP ASSEMBLY, F&I, 2 LOOPS/LN TMS CABINET, F&I, TYPE III, PEDESTAL MOUNTED,	AS EA			-		-									1				
190-11-132	2 BACKPLANE	C.A	 		-		-									+				
700-48-19	SIGN PANELS, F & I, (16-100)	EA														1				
783-4-111	ITS CONDUIT (F&I) (ABOVEGROUND)	LF																		
	4" HDPE																			
793-4-119	I" HDPE	, ,			-		<u> </u>									1				
783-4-112	ITS CONDUIT (F&I) (UNDERGROUND) 4" HDPE	LF			-		-									1				
	I" HDPE															1				
783-5-1	ITS PULL BOX FOR FIBER OPTIC (F&I)	EA																		
783-6-1	ITS SPLICE BOX FOR FIBER OPTIC (F&I)	EA													I, I					
0475	REVISIONS		CODURTION		п	OCHNE	3 D				STA 7	E OF FLORIDA								SHEET
DATE A REVISE	DESCRIPTION DATE	DE	ESCRIPTION		ㅡ 별		<i>− ₪</i>			DEPAR	TMENT	OF TRANSPOR	TA TION							NO.
OI/I2/I2 ZAND 641	D QUANTITIES OF 632-7-1,641-2-17, 1-2-18.					77 FEATHER SOUN			ROAD	NO.	COU	NTY FINA	NCIAL PRO	DJECT ID		71 1 7	rion,	OF QUAN	variaries	
						EARWATER, FLORI PR CERTIFICATE O										11171 I	A VA V			T-2
					CH CH	PR CERTIFICATE O RISTOPHER RYAN	HUEBSCH	IMAN, P.E.	# 66919 SR 5	53 F	HILLSB	OROUGH 424	1553-1-	-52-01						1-2
								_ ,				David_Long			 //2/20/2 5:	:56:53 PM	C:VISA	rs\David_Long\Desktop\424553I5	5201 – 3 EDI2\sianals\TARI	QSGOLDGN
				<u> </u>																

PAY ITEM NO			SHEET NUMBERS													TOTAL THIS	GRAND	REF.		
ITEM NO.	DESCRIPTION	UNIT	T-17		-18	T-19	7-	-20	T-2I	T-21 T-22		T-23	Τ-	-24	T-25	T-26		SHEET	TOTAL	SHEET
			PLAN FINAL	PLAN	FINAL	PLAN FINAL	PLAN	FINAL	PLAN FINAL	PLAN	FINAL	PLAN FINAL	PLAN	FINAL	PLAN FINAL	PLAN	FINAL	PLAN FINAL	PLAN FINAL	
555-1-1	DIRECTIONAL BORE (LESS THAN 6") 2" HDPE	LF								7.0		67			10			494		
	2" HDPE - 2 RUNS 4" HDPE - I RUN					86	120			70		63	68		40	47		-		
555-1-2	DIRECTIONAL BORE, 6" TO < 12"	LF														 		561		
	2" HDPE - 3 RUNS					137	319													
	2" HDPE - 4 RUNS]		
	2" HDPE - 3 RUNS AND 4" HDPE - I RUN					105										<u> </u>				
630-1-12	4" HDPE - 2 RUNS CONDUIT (UNDERGROUND) (F&I)	LF				390	306			42		120	54		55	117		1084		
632-7-1	CABLE (SIGNAL), (F&I)	PI		,		390		Δ		72		720	J-7		1 33	 '''		2 1		
632-8-140	CABLE, INTERCONNECT, PAIRS - TBD BY CONTRACTOR	LF				1000										1		1000		
632-8-211	CABLE, INTERCONNECT, I- 25, F&I, AERIAL	LF				135												135		
632-8-212	CABLE, INTERCONNECT, 1-25 PAIRS, F&I, UNDERGROUND	LF.				25										<u> </u>		25		
634-4-143 635-1-11	SPAN WIRE ASSEMBLY (F&I) (SINGLE POINT) (BOX)	P I E A	3			15	,,			_			-		2	3		44		
639-1-22	PULL & JUNCTION BOXES (F&I) (PULL BOX) ELECTRICAL POWER SERVICE (OVERHEAD)	AS				15	15			2		2	2		2	1 3		",		
000 1 22	(PURCHASED BY CONTRACTOR FROM POWER COMPANY)	7.5		•												<u> </u>		1 1		
639-2-1	ELECTRICAL SERVICE WIRE (F&I)	LF				210												210		
639-3-11	SIGNALS - ELECTRICAL SERVICE DISONNECT	EA]		
641-2-12	PRESTRESSED CONCRETE POLE (F&I)	EA											-					'		
641-2-17	(TYPE P-II SERVICE POLE) (12') PRESTRESSED CONCRETE POLE, F&I, TYPE P-VII	EA		4																—
641-2-18	PRESTRESSED CONCRETE POLE, F&T, TTPE P-VIII)	EA		4												1		7		
646-1-11	ALUMINUM SIGNAL POLE (F&I) (PEDESTAL)	EA		4			8									1		12		
650-51-311	TRAFFIC SIGNAL (F&I) (3 SECTIONS) (I-WAY) (STD)	AS		8] 8		
650-51-411	TRAFFIC SIGNAL (F&I) (4 SECTIONS) (I-WAY) (STD)	AS																		
653-191	PEDESTRIAN SIGNAL, F&I, LED, COUNTDOWN,	AS					8									<u> </u>		8		4
653-102	I DIRECTION	45														 				
653-192	PEDESTRIAN SIGNAL, F&I, LED, COUNTDOWN, 2 DIRECTION	AS		4												 		· 7		
660-1-111	LOOP DETECTOR, INDUCTIVE (F&I)	EA		4												<u> </u>		4		Č
	(TYPE II, 4 CH, SS, RM)																	1 1		
660-1-112	LOOP DETECTOR, INDUCTIVE (F&I)	EΑ		2] 2		
	(TYPE 12, 4 CH, SS, RM, TD)						ļ									<u> </u>				
660-2-101 660-2-102	LOOP ASSEMBLY (F&) (TYPE A) LOOP ASSEMBLY (F&) (TYPE B)	AS AS	4	4			4									 		12		
660-2-106	LOOP ASSEMBLY (F&I) (TYPE F)	AS	+ + +	4			2									1		'2		- L
665-13	PEDESTRIAN DETECTOR (F&I) (DETECTOR	EA		4			8									1		12		
	WITH SIGN ONLY)																	1 1		
670-5-111	ACTUATED SOLID STATE CONTROLLER ASSEMBLY	AS		1] /		
670 5 410	(F&I) (NEMA) (ONE PREEMPTION PLAN)																			
670-5-410	TRAFFIC CONTROLLER ASSEMBLY (MODIFY) (NEMA) (NONE)	AS	'													 		2		
678-1-104	CONTROLLER ACCESSORIES (F&I) LOAD SWITCH	EA														 		1		
685-106	SYSTEM AUXILIARIES (F&I)	EA		1												l		1 /		
	(UNINTERRUPTIBLE POWER SOURCE)																			
690-10	SIGNAL HEAD TRAFFIC ASSEMBLY REMOVAL	EA							45							<u> </u>		45		
690-20	SIGNAL PEDESTRIAN ASSEMBLY REMOVAL SIGNAL PEDESTAL REMOVAL	EA							10							<u> </u>		10		i
690-31 690-34-1	COMPLETE POLE REMOVAL - DEEP (DIRECT BURIAL)	EA EA							2 15							 		15		<u> </u>
690-50	CONTROLLER ASSEMBLY (REMOVE)	EA							5							1		5		
	(COMPLETE ASSEMBLY)															1		i -		į į
690-80	SPAN WIRE ASSEMBLY (REMOVE)	EΑ							5] 5		
690-90	CONDUIT & CABLING (REMOVE)	PI							5							<u> </u>		5		
690-100 699-1-1	SIGNAL EQUIPMENT MISCELLANOUS REMOVE INTERNALLY ILLUMINATED SIGN	P I E A				4			5				-		 	-		5		
741-70-111	TMS VEHICLE SENSOR, CLASS II, F&I, TYP,	EA				4				4		4	4		4	5		21		F
T	1/2 LANE		 							<u> </u>		<u> </u>	†			†		1 -		
745-70-12	TMS INDUCTIVE LOOP ASSEMBLY, F&I, 2 LOOPS/LN	AS								8		8	8		8	10		42		
746-71-132	TMS CABINET, F&I, TYPE III, PEDESTAL MOUNTED,	EA								1		1	1		1	1] 5		
700 40 10	2 BACKPLANE															-		[
700-48-19 783-4-111	SIGN PANELS, F & I, (16-100)	EA LF				2												2		├ ─┤;
103-4-111	ITS CONDUIT (F&I) (ABOVEGROUND) 4" HDPE	LF	 													1				\vdash
	I" HDPE						 									1				
783-4-112	ITS CONDUIT (F&I) (UNDERGROUND)	LF														1		1		T I
	4" HDPE]		
707.5	I" HDPE																			\vdash
783-5-1	ITS PULL BOX FOR FIBER OPTIC (F&I)	EA														-				
783-6-1	ITS SPLICE BOX FOR FIBER OPTIC (F&I) REVISIONS	EA					<u> </u>						<u> </u>	1	 	<u> </u>	I	<u> </u>	<u> </u>	'
DATE	DESCRIPTION DATE	DF	SCRIPTION		\dashv \mathbb{L}	O CHNE	₹IR					E OF FLORIDA		_						SHEET
	QUANTIY OF 632-7-1.							TTE (AC				OF TRANSPOR								NO.
						7 FEATHER SOUNI EARWATER, FLORI			ROAD	NO.	COU	NTY FINA	NCIAL PR	OJECT ID	\dashv $TABU$	$\mathit{LA}\mathit{7}$	<i>ION</i>	OF QUAN	<i>VTITIES</i> 🖯	
					FBI	R CERTIFICATE O	F AUTH.	[#] 894	# .com SR 58	83 1	HIIICD	OROUGH 424	1553-1	-52-01		_				T-3
					СН	RISTOPHER RYAN	HUEBSCH	MAN, P.E.	# 66919 3/1 3/	'	LLJD	729		JZ 01 —						
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PAY									SHEET	NUMBERS	5							TOTAL THIS	GRAND	REF.
ITEM NO.	DESCRIPTION	UNIT	T-32	Τ-	-33	T-34	Т-	-35	T-36	Τ-	· <i>3</i> 7	T-38	Τ-	-39	T-40	Т	-41	SHEET	TOTAL	SHEET
			PLAN FINAL	PLAN	FINAL	PLAN FINAL	PLAN	FINAL	PLAN FINAL	PLAN	FINAL	PLAN FINAL	PLAN	FINAL	PLAN FINAL	PLAN	FINAL	PLAN FINAL	PLAN FINAL	L
555-1-1	DIRECTIONAL BORE (LESS THAN 6") 2" HDPE	LF				200	1105	Δ	677	1155		1200 /1	460		500	1300		6597 /		
	2" HDPE - 2 RUNS 4" HDPE - I RUN		+ + +					_										1		
555-1-2	DIRECTIONAL BORE, 6" TO < 12"	LF						Δ										1		
	2" HDPE - 3 RUNS																	1		
	2" HDPE - 4 RUNS																	1		
	2" HDPE - 3 RUNS AND 4" HDPE - I RUN 4" HDPE - 2 RUNS		+ +															1		
630-1-12	CONDUIT (UNDERGROUND) (F&I)	LF																1		
632-7-1	CABLE (SIGNAL), (F&I)	PΙ																1		
632-8-140	CABLE, INTERCONNECT, PAIRS - TBD BY CONTRACTOR	LF																1		
632-8-211 632-8-212	CABLE, INTERCONNECT, I - 25, F&I, AERIAL CABLE, INTERCONNECT, I - 25 PAIRS, F&I, UNDERGROUND	LF LF	 															1		
634-4-143	SPAN WIRE ASSEMBLY (F&I) (SINGLE POINT) (BOX)	PI																1		
635-1-11	PULL & JUNCTION BOXES (F&I) (PULL BOX)	EA																1 1		
639-1-22	ELECTRICAL POWER SERVICE (OVERHEAD)	AS	 															1		
630-2-1	(PURCHASED BY CONTRACTOR FROM POWER COMPANY) ELECTRICAL SERVICE WIRE (F&I)	LF	 															1		
639-2-1 639-3-11	SIGNALS - ELECTRICAL SERVICE DISONNECT	EA	+															1		
641-2-12	PRESTRESSED CONCRETE POLE (F&I)	EA																		
	(TYPE P-II SERVICE POLE) (12')																	<u> </u>		
641-2-17	PRESTRESSED CONCRETE POLE, F&I, TYPE P-VII	EA	+															<u> </u>		
641-2-18 646-1-11	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-VIII)	EA EA	+															 		<u> </u>
650-51-311	ALUMINUM SIGNAL POLE (F&I) (PEDESTAL) TRAFFIC SIGNAL (F&I) (3 SECTIONS) (I-WAY) (STD)	AS	+ + +															1		
650-51-411	TRAFFIC SIGNAL (F&I) (4 SECTIONS) (I-WAY) (STD)	AS	 																	
653-191	PEDESTRIAN SIGNAL, F&I, LED, COUNTDOWN,	AS																<u> </u>		
	I DIRECTION																	1		
653-192	PEDESTRIAN SIGNAL, F&I, LED, COUNTDOWN,	AS																1		
660-1-111	2 DIRECTION LOOP DETECTOR, INDUCTIVE (F&I)	EA																1		
880-1-111	(TYPE II, 4 CH, SS, RM)	LA	 															1		
660-1-112	LOOP DETECTOR, INDUCTIVE (F&I)	EΑ																1		
	(TYPE 12, 4 CH, SS, RM, TD)																	1 1		
660-2-101	LOOP ASSEMBLY (F&) (TYPE A)	AS																4		
660-2-102 660-2-106	LOOP ASSEMBLY (F&) (TYPE B) LOOP ASSEMBLY (F&I) (TYPE F)	AS AS	 															1		
665-13	PEDESTRIAN DETECTOR (F&I) (DETECTOR	EA																1		
003 73	WITH SIGN ONLY)																	1		
670-5-111	ACTUATED SOLID STATE CONTROLLER ASSEMBLY	AS																1		
	(F&I) (NEMA) (ONE PREEMPTION PLAN)																	1		
670-5-410	TRAFFIC CONTROLLER ASSEMBLY (MODIFY) (NEMA) (NONE)	AS																1		
678-1-104	CONTROLLER ACCESSORIES (F&I) LOAD SWITCH	EA																1		
685-106	SYSTEM AUXILIARIES (F&I)	EA																1		
	(UNINTERRUPTIBLE POWER SOURCE)																	1		
690-10	SIGNAL HEAD TRAFFIC ASSEMBLY REMOVAL	EA																1		
690-20	SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	EA	-															1		
690-31 690-34-1	SIGNAL PEDESTAL REMOVAL COMPLETE POLE REMOVAL-DEEP (DIRECT BURIAL)	EA EA	+ + +															1		-
690-50	CONTROLLER ASSEMBLY (REMOVE)	EA	+ +																	
	(COMPLETE ASSEMBLY)																	<u> </u>		
690-80	SPAN WIRE ASSEMBLY (REMOVE)	EA																<u> </u>		
690-90	CONDUIT & CABLING (REMOVE)	PI	+										ļ					<u> </u>		
690-100 699-1-1	SIGNAL EQUIPMENT MISCELLANOUS REMOVE INTERNALLY ILLUMINATED SIGN	P I E A	+																	<u> </u>
741-70-111	TMS VEHICLE SENSOR, CLASS II, F&I, TYP,	EA	 																	
	1/2 LANE		<u> </u>															<u> </u>		
745-70-12	TMS INDUCTIVE LOOP ASSEMBLY, F&I, 2 LOOPS/LN	AS																<u> </u>		
746-71-132	TMS CABINET, F&I, TYPE III, PEDESTAL MOUNTED,	EA	+															(
700-48-19	2 BACKPLANE SIGN PANELS, F & I, (16-100)	EA	+													-		<u> </u>		<u> </u>
783-4-111	ITS CONDUIT (F&I) (ABOVEGROUND)	LF	+ + + +							+								/ 360		
	4" HDPE												340							
	I" HDPE												1020					<u> </u>		
783-4-112	ITS CONDUIT (F&I) (UNDERGROUND)	LF	+						005-			1055						57049		
	4" HDPE		+			310	7890		2085	1609		1655	595		1500	1454		 		
783-5-1	ITS PULL BOX FOR FIBER OPTIC (F&I)	EA	+ + +			/ 380	7 <i>8</i> 90		8166 5	8670 7		8430	3165		1500	8505 6		35		
783-6-1	ITS SPLICE BOX FOR FIBER OPTIC (F&I)	EA	 			 	1		1	1		1 7	7		-	1 ,		7		
	REVISIONS	_			П		_ 				STAT	E OF FLORIDA								SHEET
DATE	DESCRIPTION DATE	DE	ESCRIPTION		╜╚	<u>ochne</u>	<u> </u>			DEPAR		OF TRANSPOR	TATION							NO.
01/12/12 <u>AREVISED</u>	QUANTITIES OF 555-1-1 AND 555-1-2.				1352	7 FEATHER SOUNI	D DR. SUI	TE 600	ROAD		COU		ANCIAL PRO			און ארים	VI (A) A T			,,,,,
					CLI	EARWATER, FLORI	DA 33762		TOAD	,,,O.	000	T F INA	MUIAL FAL	JULUI IU	<i>⊣ 11 A\18</i> 10		10/V	OF QUAN	V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
l l									I I											
						PR CERTIFICATE O RISTOPHER RYAN			# 66010 SR 5	583 F	HLLSB	OROUGH 424	4553-1-	-52-01						T-4

PAY ITEM NO.	DESCRIPTION	UNIT	T-	295					1	RAND OTAL	REF. SHEET																
							PLAN FIN	VAL I	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
555-1-1	DIRECTIONAL BORE (LESS THAN 6") 2" HDPE	LF	2745	Δ																					10664		
	2" HDPE - 2 RUNS																						_				
555-1-2	4" HDPE - I RUN DIRECTIONAL BORE, 6" TO < 12"	LF		Λ															-				1	\wedge	2751		
333 1 2	2" HDPE - 3 RUNS	L,																			1		_	<u> </u>	2,3,	<u> </u>	
	2" HDPE - 4 RUNS																										
	2" HDPE - 3 RUNS AND 4" HDPE - I RUN																										
670 / 10	4" HDPE - 2 RUNS																				1		<u> </u>		35	.	
630-1-12 632-7-1	CONDUIT (UNDERGROUND) (F&I) CABLE (SIGNAL), (F&I)	LF PI																					-		3511	\wedge	
632-8-140	CABLE, INTERCONNECT, PAIRS - TBD BY CONTRACTOR	LF																					1		4000	_	
632-8-211	CABLE, INTERCONNECT, 1- 25, F&I, AERIAL	LF]		210	•	
632-8-212	CABLE, INTERCONNECT, I-25 PAIRS, F&I, UNDERGROUND	LF																			<u> </u>		_		100	<u> </u>	
634-4-143 635-1-11	SPAN WIRE ASSEMBLY (F&I) (SINGLE POINT) (BOX) PULL & JUNCTION BOXES (F&I) (PULL BOX)	P I E A																			1		-		143		
639-1-22	ELECTRICAL POWER SERVICE (OVERHEAD)	AS																			+		1		5		
	(PURCHASED BY CONTRACTOR FROM POWER COMPANY)																										
639-2-1	ELECTRICAL SERVICE WIRE (F&I)	LF																							947	·	
639-3-11	SIGNALS - ELECTRICAL SERVICE DISONNECT	EA	-					$ \downarrow$											1	+	_		-		'	.	<u> </u>
641-2-12	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-II SERVICE POLE) (12')	EA																	+	+	1		1		6	1	\vdash
641-2-17	PRESTRESSED CONCRETE POLE, F&I, TYPE P-VII	EA						-+											1	+	1		1		4	$\langle \rangle$	
641-2-18	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-VIII)	EA																							16		
646-1-11	ALUMINUM SIGNAL POLE (F&I) (PEDESTAL)	EA																							54	·	
650-51-311	TRAFFIC SIGNAL (F&I) (3 SECTIONS) (I-WAY) (STD)	AS	-					$ \downarrow$											1	+	_		-		46	I	
650-51-411 653-191	TRAFFIC SIGNAL (F&I) (4 SECTIONS) (I-WAY) (STD) PEDESTRIAN SIGNAL, F&I, LED, COUNTDOWN,	AS AS																			-		-		50	1	
655-191	I DIRECTION	A3																					1		50		
653-192	PEDESTRIAN SIGNAL, F&I, LED, COUNTDOWN,	AS																							4		
	2 DIRECTION																										
660-1-111	LOOP DETECTOR, INDUCTIVE (F&I)	EA																					_		29	'	
660-1-112	(TYPE II, 4 CH, SS, RM) LOOP DETECTOR, INDUCTIVE (F&I)	EA																			1		-		10	,	
000 1 112	(TYPE 12, 4 CH, SS, RM, TD)																						1		"		
660-2-101	LOOP ASSEMBLY (F&) (TYPE A)	AS]		45		
660-2-102	LOOP ASSEMBLY (F&) (TYPE B)	AS																							32		
660-2-106 665-13	LOOP ASSEMBLY (F&I) (TYPE F) PEDESTRIAN DETECTOR (F&I) (DETECTOR	AS EA																			 		-		13		
003-13	WITH SIGN ONLY)	LA																							54	`	
670-5-111	ACTUATED SOLID STATE CONTROLLER ASSEMBLY	AS																							5		
	(F&I) (NEMA) (ONE PREEMPTION PLAN)																										
670-5-410	TRAFFIC CONTROLLER ASSEMBLY	AS																			1		_		4	!	
678-1-104	(MODIFY) (NEMA) (NONE) CONTROLLER ACCESSORIES (F&I) LOAD SWITCH	EA																					1		Ι,	,	
685-106	SYSTEM AUXILIARIES (F&I)	EA																			1		1		5		
	(UNINTERRUPTIBLE POWER SOURCE)																										
690-10	SIGNAL HEAD TRAFFIC ASSEMBLY REMOVAL	EΑ																							45		
690-20	SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	EA																			<u> </u>		4		14		
690-31 690-34-1	SIGNAL PEDESTAL REMOVAL COMPLETE POLE REMOVAL-DEEP (DIRECT BURIAL)	EA EA																			1		1		15		
690-50	CONTROLLER ASSEMBLY (REMOVE)	EA								<u> </u>													1		5		
	(COMPLETE ASSEMBLY)																										
690 -80	SPAN WIRE ASSEMBLY (REMOVE)	EA																					4		5		
690-90 690-100	CONDUIT & CABLING (REMOVE) SIGNAL EQUIPMENT MISCELLANOUS REMOVE	PI PI						-+													-		1		5 5		<u> </u>
699-1-1	INTERNALLY ILLUMINATED SIGN	EA						-+												+	1		1		20		
741-70-111	TMS VEHICLE SENSOR, CLASS II, F&I, TYP,	EA]		21	1	
	1/2 LANE																	_					1				
745-70-12	TMS INDUCTIVE LOOP ASSEMBLY, F&I, 2 LOOPS/LN	AS																	1	+	-		-		42		<u> </u>
746-71-132	TMS CABINET, F&I, TYPE III, PEDESTAL MOUNTED, 2 BACKPLANE	EA						-+													1		-		5	'	<u> </u>
700-48-19	SIGN PANELS, F & 1, (16-100)	EA																		1	1		1		2	,	
783-4-111	ITS CONDUIT (F&I) (ABOVEGROUND)	LF]		1360		
	4" HDPE																						1				
707 4 110	I" HDPE	, -	-					$ \downarrow$											1	+	_					.	
783-4-112	ITS CONDUIT (F&I) (UNDERGROUND) 4" HDPE	LF	16		65			-+											1		1		930	٥	66355	1	-
	I" HDPE		8235		990			-+											1		1		1				
783-5-1	ITS PULL BOX FOR FIBER OPTIC (F&I)	EA	6		1]	7	42	•	
783-6-1	ITS SPLICE BOX FOR FIBER OPTIC (F&I)	EA	1		1	$\overline{}$													Ļ				<u> </u>	2	9	<u> </u>	
DATE	REVISIONS		CODIDE	.,		⊣ ո <i>ո</i>	OCHI	刈릲	D					STAT	E OF FL	ORIDA											SHEET
DATE A REVISED	DESCRIPTION DATE	DE	SCRIPTIO	v		┦ ╚=`		17115	<u>ιυ</u>				DEPART	TMENT	OF TRA	ANSPOR	TA TION										NO.
UI/12/12 /15632-7-1,	QUANTITIES OF 555-1-1,555-1-2, 641-2-17 AND 641-2-18.						FEATHER S			E 600		ROAD	VO.	COU	NTY	FINA	ANCIAL PRO	DJECT ID	7	ra RI.	71 A 7	YON!	OF	OIIA	NTIT	$_{IES}$ \vdash	
							CLEARWATER, FLORIDA 33762 FBPR CERTIFICATE OF AUTH. # 894											1		11171 I	1 V 1 V	ON OF QUANTITIES				T-5	
						CHR	ISTOPHER RY	AN HU	UEBSCHM	AN, P.E.	# 66919	SR 58	33 H	ILLSB(OROUGH	1 424	4553-1-	-52-01	'								, -5
											/				David	'_Long			1/12/2012	, ,	:57:01 PM		 sers\David_Long\Desktop\424553 520 - 3 ED 2\signals\TA				

3. ONE WEEK PRIOR TO THE TRAFFIC SIGNAL INSTALLATION. THE CONTRACTOR SHALL CONTACT:

A) JIM A. ROSA, F.D.O.T. DISTRICT SEVEN TRAFFIC OPERATIONS CONSTRUCTION LIAISON FLORIDA DEPARTMENT OF TRANSPORTATION 11201 NORTH MCKINLEY DRIVE TAMPA, FLORIDA 33612 PHONE • (813) 975-6269 EMAIL. JAMES. ROSA @DOT. STATE. FL.US.

B) MR, WILLIAM DAVIES. TRAFFIC SIGNAL SUPERVISOR 8420 SABAL INDUSTRIAL BOULEVARD TAMPA, FLORIDA 33619, PHONE . (813) 612-9113 EMAIL. daviesb@hillsborouahcountv.ora

C) MR. WILLIAM HALL, TRAFFIC SIGNAL SUPERVISOR CITY OF TAMPA 3802 E.26TH AVENUE TAMPA, FL 33605, PHONE : (813) 622-1966 EMAIL: bill.hall@tampagov.net.

- 4. PRIOR TO ALL TRAFFIC SIGNAL CHANGES (I.E., MAINTENANCE OF TRAFFIC CHANGES, NEW SIGNAL INSTALLATIONS, DIFFERENT PAVEMENT CONFIGURATIONS, ETC., CONTACT RICK NAPORA, F.D.O.T. DISTRICT SEVEN TRAFFIC OPERATIONS AT (813) 975-6232 AT LEAST 48 HOURS IN ADVANCE FOR IMPLEMENTATION OF APPROPRIATE SIGNAL TIMINGS.
- 5. THE CONTRACTOR SHALL CONTACT THE LOCAL POWER COMPANY FOR THEIR ASSISTANCE IN PERFORMING ALL NECESSARY WORK UNDER POWER LINES. SUCH WORK SHALL INCLUDE. BUT NOT BE LIMITED TO THE INSTALLATION OF SPAN WIRE, SIGNAL CABLE, FIBERGLASS INSULATORS. AND / OR SIGNAL POLES.
- 6. UNLESS OTHERWISE NOTED. ALL REMOVED EQUIPMENT SHALL BE TURNED OVER TO THE HILLSBOROUGH COUNTY SIGNAL SHOP AND THE CITY OF TAMPA SIGNAL SHOP. IN EXISTING CONDITION, EXCEPT FOR POLES, AND SPAN WIRES WHICH SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY HIM, COST OF DELIVERY SHALL BE INCLUDED IN THE UNIT PRICE OF THE ASSOCIATED PAY ITEM.
- 7. THE CONTRACTOR SHALL SUBMIT THE AS-BUILT PLANS TO THE ENGINEER FOR APPROVAL PRIOR TO THE 48 HOUR TEST, UPON THE 48 HOUR TEST, THE ENGINEER SHALL PROVIDE AT LEAST ONE COPY OF THE FINAL AS-BUILT PLANS TO HILLSBOROUGH COUNTY SIGNAL SHOP, ONE COPY TO THE CITY OF TAMPA AND ONE COPY TO DISTRICT TRAFFIC OPERATIONS.
- 8. THE CONTRACTOR SHALL FIELD VERIFY ALL CRITICAL ELEVATIONS PRIOR TO ORDERING SIGNAL STRAIN POLES.
- 9. THE TYPE OF EQUIPMENT USED IN THE INSTALLATION OF MAST ARMS/FOUNDATIONS. OVERHEAD/CANTILEVER SIGNS/FOUNDATIONS, AND THE MOVEMENT/INSTALLATION OF STRAIN POLES SHALL MEET THE FOLLOWING REQUIREMENTS:

A. OVERHEAD LINES SHALL STAY IN PLACE BOTH VERTICALLY AND HORIZONTALLY.

B. CONTRACTOR SHALL MEET ALL APPLICABLE OSHA REQUIREMENTS. ANY COST ASSOCIATED WITH THE TYPE OF EQUIPMENT REQUIRED FOR THIS INSTALLATION IS INCLUDED IN THE RELATED PAY ITEMS.

REVISIONS

DATE

DESCRIPTION

10. CONTRACTOR SHALL REFER TO UTILITY PLAN GENERAL NOTES FOR APPROPRIATE UTILITY CONTACTS AND VVh INFORMATION.

DESCRIPTION

01/12/12 | ADDED PAY ITEM 646-1-11.

PAY ITEM FOOTNOTES.

PAY ITEM FOOTNOTES.

10. 555-1-1:

CONDUITS INSTALLED WITH THE DIRECTIONAL BORE METHOD SHALL BE HDPE WITH A MINIMUM SIZE OF TWO INCHES UNLESS OTHERWISE NOTED IN THE PLANS.

ALL FOUR-INCH HDPE OUTERDUCT CONDUIT INSTALLED WITH THE DIRECTIONAL BORE METHOD SHALL INCLUDE THREE RUNS OF ONE INCH HDPE INNERDUCT CONDUIT. PAYMENT FOR FURNISHING AND INSTALLING THE INNERDUCT CONDUITS SHALL BE INCLUDED IN PAY ITEM 783-4-112.

//. 630-/-/2**:**

ALL CONDUIT RUNS SHOWN ON THE PLANS ARE SCHEMATIC AND FIELD ADJUSTMENTS MAY BE NECESSARY. WITH THE EXCEPTION OF ELECTRICAL POWER SERVICE DUCTS, AND JACK AND BORE SLEEVES, ALL UNDERGROUND AND UNDER PAVEMENT CONDUITS SHALL BE SCHEDULE 40 PVC WITH A MINIMUM SIZE OF TWO INCHES, UNLESS OTHERWISE SPECIFIED IN THE PLANS. TWO SEPARATE UNDERGROUND CONDUIT RUNS LOCATED 180 DEGREES APART ARE REQUIRED FOR ALL SIGNAL STRAIN POLES AND MAST ARMS. THERE SHALL BE MINIMUM OF TWO RUNS OF TWO INCH CONDUIT BETWEEN THE LAST LOW VOLTAGE (LOOPS) PULL BOX LOCATED NEAR THE CONTROLLER CABINET AND THE CONTROLLER CABINET.

12. 632-7-1.

EACH PHASE/MOVEMENT SHALL BE WIRED FROM THE SIGNAL DISPLAY TO THE CONTROLLER AS A SEPARATE PHASE/MOVEMENT. THIS INCLUDES THE LEFT TURN MOVEMENT WHICH SHALL HAVE CONDUCTORS AVAILABLE FOR EITHER PROTECTED OR PERMISSIVE MOVEMENTS. THE CONTRACTOR SHALL VERIFY COLOR CODES FOR SIGNAL CABLE AND INTERCONNECT CABLE WITH THE HILLSBOROUGH COUNTY SIGNAL SHOP AND THE CITY OF TAMPA TRAFFIC SIGNAL SUPERVISOR BEFORE ORDERING, AND WIRE THE SIGNAL IN ACCORDANCE WITH THAT COLOR CODE AND F.D.O.T. SPECIFICATIONS. THERE SHALL BE ONE NEUTRAL PER APPROACH.

SHALL INCLUDE THE COST OF SIZING ALL SPAN WIRE HARDWARE AND FITTINGS WITH SUFFICIENT STRENGTH TO RESIST BREAKING STRENGTH OF THE WIRE WITH WHICH THEY ARE USED.

14-639-1-12:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE COMPANY PROVIDING ELECTRICAL POWER TO DETERMINE IF A SERVICE PROCESSING OR CONNECTION FEE
IS REQUIRED. THE COST OF ANY SUCH FEE SHALL BE INCLUDED AS PART OF PAYMENT FOR ELECTRICAL POWER SERVICE ASSEMBLY.

15. 639-1-12**:**

THE COST OF THIS ITEM SHALL INCLUDE THE COST FOR THE APPROPRIATE METER CAN CONTAINING AN INTERNAL BYPASS SHUNT SWITCH AS REQUIRED BY THE LOCAL POWER COMPANY, THE CONTRACTOR SHALL VERIFY THE TYPE OF METER CAN AND A BREAKER BOX TO USE WITH THE HILLSBOROUGH COUNTY SIGNAL SHOP.

THE PAYMENT OF THIS ITEM SHALL BE BASED ON THE LINEAR FOOT OF A SINGLE CONDUCTOR.

17. 641-2-12, 641-2-17/649-1-18:

AT LOCATIONS WHERE UNDERGROUND UTILITIES ARE IN CLOSE PROXIMITY TO THE SIGNAL POLE FOUNDATION. AS DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL HAND DIG THE FIRST FOUR FEET OF THE HOLE FOR THE POLE FOUNDATION.

18. 650-51-311/650-51-411**.**

ALL BACK PLATES SHALL HAVE A YELLOW RETRO-REFLECTIVE BORDER. ALL SIGNAL HEADS SHALL HAVE TUNNEL VISORS.

19. 660-2-101/660-2-102/660-2-106

LOCHNER

CLEARWATER, FLORIDA 33762 FBPR CERTIFICATE OF AUTH. # 894

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CHRISTOPHER RYAN HUEBSCHMAN, P.E. # 66919

THE CONTRACTOR SHALL NOTIFY THE HILLSBOROUGH COUNTY SIGNAL SHOP, THE CITY OF TAMPA SIGNAL SHOP AND F.D.O.T. DISTRICT SEVEN TRAFFIC OPERATIONS AT LEAST 48 HOURS IN ADVANCE OF LOOP CUTTING.

20. 670-5-111:

THE CONTRACTOR SHALL NOTIFY THE HILLSBOROUGH COUNTY SIGNAL SHOP, THE CITY OF TAMPA SIGNAL SHOP AND F.D.O.T. DISTRICT SEVEN TRAFFIC OPERATIONS (VIA EMAIL) AT LEAST 48 HOURS IN ADVANCE OF TURNING ON A NEW OR MODIFIED CONTROLLER CABINET ASSEMBLY. CABINET DOOR SHOULD OPEN AWAY FROM TRAFFIC. THE TECHNICIAN SERVICE SLAB SHALL BE A MAXIMUM OF 4" BELOW THE TOP OF THE CONCRETE PAD. INCLUDE AN EIGHT PHASE BACKPLANE WITH A MINIMUM OF 16 POSITIONS ON THE LOAD BAY AND SHALL INCLUDE ADDITIONAL COST OF LABOR, CONCRETE, AND OTHER MATERIALS FOR CONTROLLER BASE, PAD, AND STEPS, AS ONE UNIT.

THE CONTRACTOR SHALL COORDINATE WITH HILLSBOROUGH COUNTY SIGNAL SHOP AND THE CITY OF TAMPA SIGNAL SHOP FOR ACCEPTABLE CHOICES OF TRAFFIC CONTROLLER AND CONTROLLER CABINET.

21. 670-5-111:

SHALL INCLUDE TELEMETRY TRANSCEIVER, ALL INTERFACE PANELS, CONTROLLER EQUIPMENT, AND SHALL BE FUNCTIONALLY COMPATIBLE WITH THE SYSTEM EQUIPMENT AND SOFTWARE NOW OPERATING ON THE TRAFFIC SIGNAL COMPUTER SYSTEM. CABINET CIRCUITRY AND CONTROLLER EQUIPMENT SHALL FALL BACK TO TIME BASED COORDINATION IN THE EVENT THE LOSS OF TELEMETRY COMMUNICATIONS OCCURS.

22. 685-106:

THE UNINTERRUPTED POWER SUPPLY (UPS) UNIT SHALL BE HOUSED IN A SEPARATE ENCLOSED CABINET OR IN A TRAFFIC SIGNAL CABINET WHICH IS DESIGNED TO HOUSE THE UPS ASSEMBLY IN ADDITION TO THE TRAFFIC SIGNAL CONTROL EQUIPMENT. IF A SEPARATE CABINET IS REQUIRED, THIS PAY ITEM SHALL INCLUDE CABINET TO HOUSE THE UPS ASSEMBLY. THE TRAFFIC SIGNAL CABINET CONCRETE BASE SHALL BE LARGE ENOUGH TO SUPPORT THE TRAFFIC SIGNAL CABINET AND THE UPS CABINET. PAYMENT FOR ADDITIONAL CONCRETE BASE, INCLUDING LABOR AND MATERIAL, SHALL BE INCLUDED IN TRAFFIC CONTROLLER ASSEMBLY PAY ITEM NUMBER, THE CONTRACTOR SHALL COORDINATE WITH DISTRICT SEVEN TRAFFIC OPERATIONS FOR SPECIFICATIONS. THE UPS UNIT SHALL BE OF THE SAME MAKE AND MODEL AS IS CURRENTLY BEING USED BY THE MAINTAINING AGENCY.

23, 690-100.

THIS ITEM SHALL INCLUDE THE REMOVAL OF EXISTING PULL BOXES.

SHALL BE L.E.D. TYPE AND SHALL BE LISTED IN THE F.D.O.T APPROVED PRODUCT LIST.

25. 700-48-18:

SHALL INCLUDE PROPERLY DESIGNED AND SIZED ADJUSTABLE HANGERS, BRACKETS, CLAMPS, AND ALL MISCELLANEOUS HARDWARE NECESSARY TO INSTALL THE SIGNS AS SHOWN IN THE PLANS.

/\ 26. 646-I-II**:**

ALUMINUM PEDESTALS SHALL BE MOUNTED ON TRANSFORMER BASES.

1/12/2012

GENERAL NOTES

SHEET NO.

FINANCIAL PROJECT ID

424553-1-52-01

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

COLINTY

HILLSBOROUGH

ROAD NO.

SR 583

